





Panreac

GENERAL CATALOGUE

Analytical Reagents
& Fine Chemicals

2011 / 2013

Dear reader,

The document you are holding is the result of work performed by the team of professionals of PANREAC. It is the fruit of our team's extensive technical experience combined with the collaboration of our customers, who have offered us their valuable comments and proposals for improvement.

In PANREAC, we have been working and investing for many years with our thoughts focussed on the long term. Only thus can this comprehensive catalogue be kept up to date with the products you need.

Our highly trained workforce, using state of the art technology, is the driving force behind the management of our modern factory, and our principal aim is to guarantee that the PANREAC product range meets the conditions you require.

The fact that PANREAC has recently joined the ITW Group reinforces our Company's industrial character and the path to progress we have continuously forged over the years. This path requires the responsible use of resources and the sustainability of our business activity. It likewise requires the ability to keep on growing as the way to earn and to preserve our status as the leading supplier of laboratory reagents to our customers.

Joan Roget
General Manager
Panreac Química, S.A.U.



Executive Committee

CUSTOMER SERVICE

Spain and Portugal
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Other countries
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Other contacts in Panreac
Marketing: marketing@panreac.com
Technical support: stecnico@panreac.com
Purchasing Dpt.: compras@panreac.com

Check distributors on www.panreac.com

CUSTOMIZE YOUR CATALOGUE

My contacts in Panreac:

Customer Service

Name.....

Tel..... e-mail.....

Sales contact

Name.....

Tel..... e-mail.....

My Panreac distributor

Name.....

Tel..... e-mail.....

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Panreac

COMPANY

PANREAC QUÍMICA.
A leader at your service

We are manufacturers of reagents for laboratory analysis and chemical products for industrial use by the pharmaceutical, foodstuff, chemical and research and development sectors, hospitals and universities.

Over 70 years' experience in our sector guarantees the **service** that only a leader can offer as well as **the largest range of laboratory reagents and industrial chemicals.**
Through our **commitment to quality**, we aim to satisfy the needs of our customers, whilst safeguarding the health and safety of our employees, respecting the environment and managing and guaranteeing the quality of our processes, services and products.





HISTORY

Panreac was founded in 1941 in Barcelona (Spain) and moved in 1957 to new premises in Montcada i Reixac, by which time it was already the market leader in Spain and expanding its export operations. In 1999, its first subsidiaries were set up in **France and Portugal**. In 2001, the current 15,000 m^2 factory was inaugurated in Castellar del Vallès (Barcelona) and in 2004, the main offices were transferred to this site. In 2007, we bought the Italian company **Nova Chimica (Milan)** and, in 2008, we opened 3,000 m^2 of new warehouse facilities in Montcada i Reixac, in order to provide a better service to our customers and distributors.

At present Panreac is the market leader for analytical reagents and fine chemicals in Spain and a reference in the South European area, thanks to our customers and our distribution network. The quality of our products is recognised worldwide since we are exporting to more than 80 countries in five continents.

ORGANIZATION AND FACILITIES

Panreac's commercial policy is directed at allowing the end user to get the best service from our products via our distribution network. This means that we are capable of supplying any laboratory in any location around the world.

Our priority is to continue improving the **logistics flow** and to achieve this we have added a new logistics centre to our modern factory built in 2000. This centre is equipped with the latest applied materials handling technology **allowing us to ensure the highest degree of availability for our distributors.**













COMPETENCES
We manufacture to our customers' requirements

Our status as a manufacturer with more than 70 years experience allows us to offer our customers the widest range of laboratory reagents and high quality industrial chemical products.

Our experience and knowledge in production, synthesis and purification of thousands of chemical products has allowed us to become specialists in the manufacture of inorganic salts, high purity acids, organic chemical products, high purity solvents plus other products for specific applications, ensuring that our customers meet their required specifications in demanding international markets.

With a maximum quality guarantee

Our Integrated Management System which has been completely implemented throughout every activity in our company is based on the following official standards:

UNE-EN-ISO 14001:2004
for Protection of the Environment

UNE-EN-ISO 9001:2008
for Quality Assurance

OHSAS 18001:2007
for Occupational Health and Safety Management.

Our laboratories monitor compliance with the specifications and with regulations on raw materials and the finished product: they apply general analysis techniques, checking for trace metal impurities, using chromatography to determine solvent purity, detect impurities and pesticide residues, as well as conducting microbiological tests.

PRODUCT INFORMATION

PRODUCT CODE

Our **Product Code** shown in our catalogue in addition to labels, certificates, technical data sheets and safety sheets provide a **unique definition for the substance with a specific quality and a predetermined packaging material.**



LABEL

Panreac, as a manufacturer of reagents and chemical products, **has adapted its labelling system according to the GHS** by investing in a new computer programme. This new programme allows printing product names, hazard statements (H phrases), precautionary statements (P phrases) and warning words in up to 7 languages, depending on the size of the label.

Our labels also include a Data Matrix code that, when scanned, allows obtaining much more information about the product than the information that would initially be printed on the label itself. This code is a two-dimensional code system that allows a large amount of information to be stored in a dot matrix. **Panreac is the first chemical company to use such two-dimensional codes.**

DATAMATRIX ECC200 (ERROR CODE CORRECTION) codes are the most robust two-dimensional codes and have the lowest percentage of reading errors. Indeed, thanks to the efficacy of the algorithm used to code data within the symbol, they can still be read when up to 20% of the code is damaged.

In contrast to a standard barcode (for example EAN-128), **the information is coded within a square, thus allowing a large amount of alphanumeric information to be stored. They can be read using optical CMOS readers**, which read both linear and two-dimensional codes. Panreac uses these codes to manage finished products in its warehouses and, using RF terminals, to change internal product locations in the warehouse.

The main advantages of using such codes are as follows:

- They allow more information to be stored in a smaller space (article code, batch number, etc.)
- There are fewer reading errors
- They can be read from any direction (360°)
- They can be read when up to 20% of the code is damaged
- They allow faster reading



PANREAC ONLINE WITH THE GHS STANDARD

On 1 December 2010, **Panreac adapted all its labels and safety data sheets to the Globally Harmonized System (GHS) for Classification and Labelling of Chemicals.**

The most significant changes to the new labels are:

- **The pictograms have changed:** The orange pictograms are now white with a red frame
- **Risk phrases (R) become Hazard statements (H phrases)**
- **Safety phrases (S) become Precautionary statements (P phrases)**
- Disappearance of the warning word that accompanied the pictogram: **Now the signal word "Warning" or "Danger" before the H and P phrases.**

The Globally Harmonized System (GHS) of Classification and Labelling of Chemicals is intended to **standardize the many classification and labelling systems in use around the world**. The harmonised criteria make it possible to classify chemical substances according to how dangerous they are and to label them using standardized danger statements and pictograms.



The decision to create the GHS was taken at the United Nations Conference in 1992. After a great deal of technical work agreeing on the harmonized criteria, the GHS was published in 2002. The European Union adapted the GHS to the **new Regulation (EC) no. 1272/2008** (CLP - Classification Labelling and Packaging of Substances and Mixtures), which abolished Directive 67/548/EEC. **Panreac Química** has made the **Chemical Laboratories Safety Poster** available to you, with an explanation of the new pictograms. This is an essential tool in all laboratories **(see catalogue front flap).**

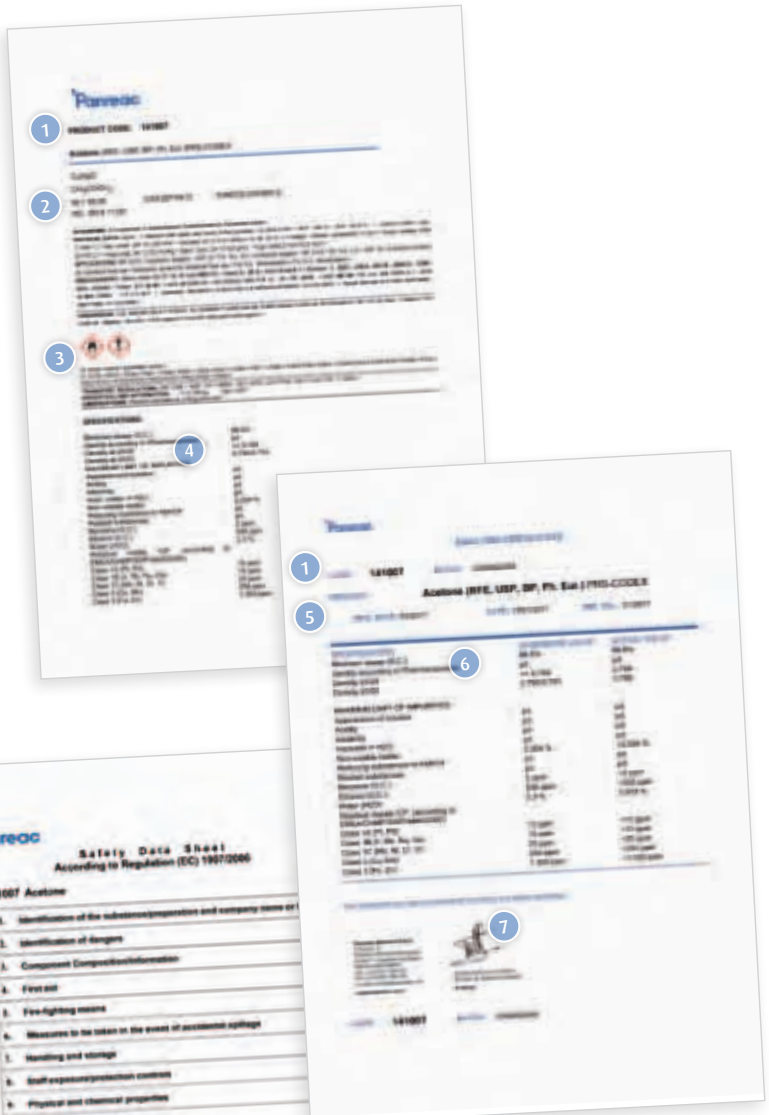
Panreac

PRODUCT INFORMATION

TECHNICAL DATA SHEET AND CERTIFICATE OF ANALYSIS



The technical data sheets for our products are shown on our website. Here you will also find Panreac's quality certificate and batch number for the product you require.



1. Product Code (quality + substance). Name of product, quality and standards met
2. General information about the substance. This physical data, applications and notes are general references stated in the bibliography
3. Information on hazard level
4. Product specifications
5. Batch number, date of manufacture, certificate's date of issue and expiry date information
6. Analysis information, guaranteed value compared with actual value information
7. Recommendations where applicable and sign off by the Technical Department

MATERIAL SAFETY DATA SHEET

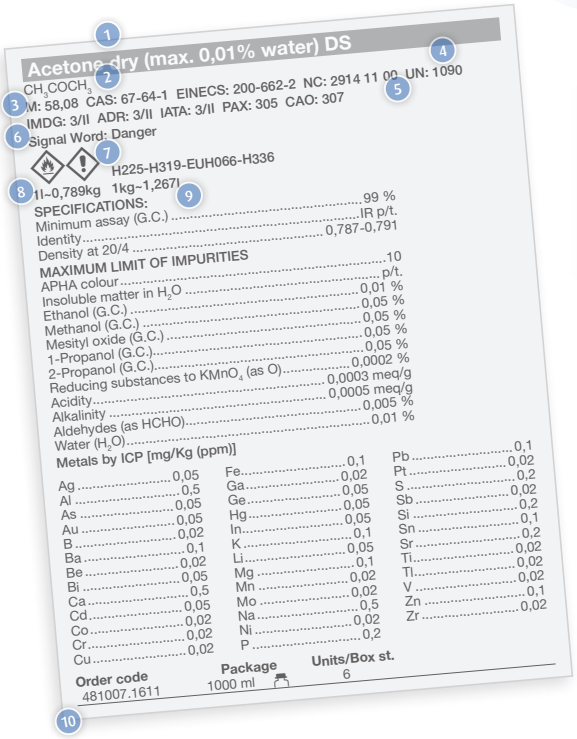
Our website also shows the fully updated Material Safety Data Sheets in accordance with current standards indicating the substance and required quality under the following information headers:



CATALOGUE GUIDE

The catalogue contains all information and specifications for each article in our product range so you can place your orders

1. Product name and quality
2. Molecular formula
3. Molecular weight
4. Registry numbers: CAS, EINECS, NC, UN
5. Transport regulations: IMDG, ADR, IATA, PAX, CAO
6. Warning word
7. Hazard pictograms and H phrases
8. Equivalence kg/l
9. Specifications
10. Order code / Package size / Packaging material / Units per standard box



Packaging symbols and abbreviations

- Glass bottle
- Glass bottle coated with PE or PVC
- Glass bottle with outer can
- Glass bottle with outer packaging
- Polyethylene bottle
- Polyethylene bottle with outer can
- Polyethylene canister
- Carton drum with inner polyethylene bag
- Carton box with inner polyethylene bag
- Polyethylene bottle with dropper
- Glass tube with stopper and screw top
- Glass or plastic ampoule
- Crimp top vial with septum
- Fluorinated polymer bottle with outer polystyrene box
- Box
- Aluminium bottle
- Aluminium bottle with outer packaging
- Tin-plated can
- Polyethylene drum with inner polyethylene bag
- Steel-plated drum
- Drum with polyethylene lining inside and metal outside
- Polyethylene container with removable tap
- Expanded polystyrene box
- Polypropylene bucket with handle
- Stainless steel drum
- Co-extrusion jerrycan (multilayer)
- Co-extrusion bottle (multilayer)

ACS	American Chemical Society
ADR	Classification for carriage by road
BP	British Pharmacopoeia
CAO	Instructions for aerial cargo transport
CAS	Chemicals Abstracts Registry No.
CE	EC No.
C.I.	Colour Index No.
CLP	Classification Labelling and Packaging of Substance and Mixtures
DAB	Deutsches Arzneibuch
DAC	Deutscher Arzneimittel-Codex
EINECS	European Inventory of Existing Chemical Substances No.
F.C.C.	Food Chemicals Codex
g	Gram(s)
GHS	Globally Harmonized System
IATA	Classification of aerial transport
IMDG	Classification of sea transport
ISO	International Organization for Standardization
JP	Japanese Pharmacopoeia
kg	Kilogram(s)
l	Litre(s)
ml	Mililitre(s)
NC	Combined Nomenclature
PAX	Instructions for aerial passenger transport
p/t	passes test
Ph. Eur.	European Pharmacopoeia
Ph. Fr.	French Pharmacopoeia
Ph. Helv.	Suiss Pharmacopoeia
ppm	parts per million
REACH	Registration, Evaluation, Authorisation and Restricion of Chemical substances
RFE	Spanish Pharmacopoeia
UN	UN number for hazardous substances
USP-NF	The United States Pharmacopeia - National Formulary
v/v	volume/volume
w/w	weight/weight
w/v	weight/volume

Panreac

LABORATORY APPLICATION PRODUCTS

From its Spanish origins, **Panreac** is becoming the South European reference Brand in Analytical Reagents for Laboratory use.

Analytical reagents

Reagents especially indicated for **general analytical applications** with guaranteed specifications.

Reagents for metallic traces analysis

Ultra pure reagents for **metallic traces analysis in the environmental, quality control** and research laboratories. Low mercury content reagents.



Reagents and solvents for instrumental analysis

High purity reagents specifically designed to be used in the following **instrumental techniques:**

UV-IR, HPLC (gradient, preparative, isocratic), IR, GPC
Analysis of pesticide residues
Derivatization reagents for gas chromatography
LC-MS
Nuclear Magnetic Resonance spectroscopy (NMR)

Reagents for volumetric analysis

Ready -to-use **Volumetric solutions** and Concentrated Volumetric solutions.

Reference substances for standardization of titrated solutions.

Indicator solutions.
AQUAMETRIC (pyridine-free Karl Fischer reagents).

Ready-to-use **buffer solutions** and Concentrated buffer solutions.



Reagents and solvents for general applications

Products of a suitable purity to be used as auxiliary reagents.

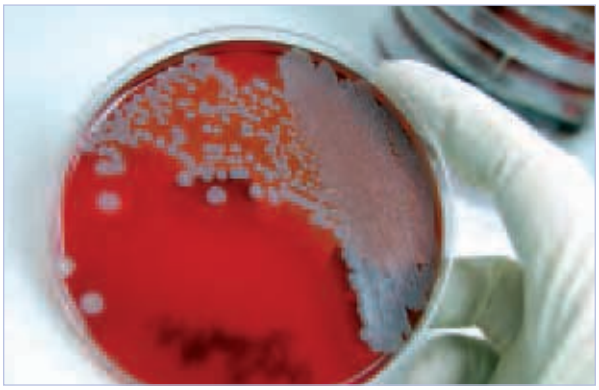
Chemically pure. Products of controlled purity for general purposes in laboratory and industry.



Products for Microbiology

The wide range of **Cultimed** products is designed to meet practically all the needs of the pharmaceutical, foodstuff, cosmetics and drinking water and wastewater analysis industries.

Dehydrated culture media
Prepared media
Contact plates
Other products for microbiology



Reagents and solvents for specific applications

Special reagents (Pepsin, Kjeldahl catalysts...)
Products for chemistry practices at school.
Clinical diagnosis. Reagents for histological techniques, haematology and microbiology.
Products for biochemistry.
Laboratory glassware cleaning
detergents and disinfectants.
pH indicator papers.
Kits and reagents specifically for analysis of wines.
Electronic grade products

Reagents and solvents for organic synthesis

Dry solvents.
Solvents and reagents for biosynthesis.



Analytical Standards

For AAS and ICP (including standards dissolved in oil), pH, Ion Selective Electrodes, Redox, Conductivity, Ion Chromatography, UV/Vis, Volumetry, Karl Fischer, COD, TOC, TIC, Colour, Turbidity, Wine analysis, Fatty acids, FAME, Aromatic and Aliphatic hydrocarbons.

Packaging

Panreac offers you a wide range of **packages and packing** used for its reagents for analysis and products for fine chemistry.

INDUSTRIAL APPLICATION PRODUCTS

Panreac also manufactures industrial raw materials, mainly for the pharmaceutical and foodstuff industry, where the value added by complying with current legislation is well recognised.

Products for Pharmaceutical Industry

Products and solutions that meet the purity requirements for products to be used in the pharmaceutical industry according to:

European Pharmacopoeia (Ph. Eur.)
United States Pharmacopeia (USP)
British Pharmacopoeia (BP)

Under request we can produce according to other international pharmacopeias.

Food industry products

Food additives that meet the purity requirements for products to be used in the food industry according to European directives and Food Chemicals Codex (FCC).

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Organic synthesis

Reagents, solvents and intermediates for organic synthesis

PANREAC SINTESIS

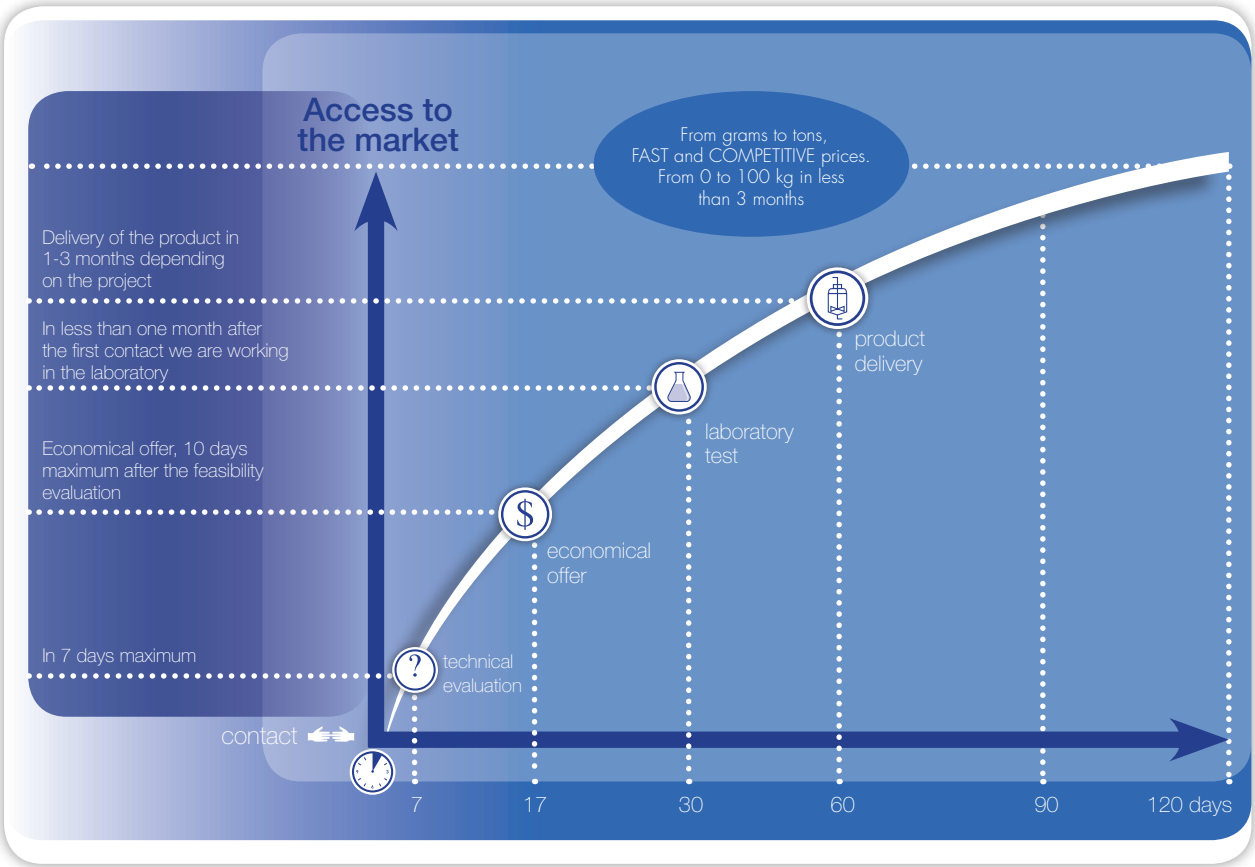


SERVICE & BENEFITS

Our know-how of the process (at lab, pilot plant or industrial scale), a target price and well defined specifications of the product can make this process even faster. Panreac Sintesis, your ideal partner for a quick time to market.

- **Quick reply** and report of your projects by regular contact.
- **One interlocutor** during the whole project.
- **Our Main Target: Customer's Satisfaction.**

Panreac Sintesis always works
CONFIDENTIALLY and INDEPENDENTLY in all its projects.



GENERAL SALES CONDITIONS

1. Previous considerations.
The buyer recognizes and accepts the content of the present general sales conditions, one copy of which they have in their possession, as supply regulators of Panreac Química, S.A.U. (hereafter denominated "Panreac"). Likewise it is understood that the buyer knows and accepts the present general sales conditions as regulating successive orders placed with Panreac.
Any modification to the present conditions will only have validity if so convened in writing and by common agreement between Panreac and the buyer, no clause or general sales condition included by the buyer in their documentation or correspondence being considered valid. In the case that any or several of the stipulations of the present general sales conditions or that any others that modify or substitute them are annulled or become unable to be executed due to legal motives, the validity of the other stipulations will not be affected, and under all circumstances remain in force.
In the case of legal or extra judicial insolvency, declaration of bankruptcy or temporary receivership of the buyer as well as cases of total or partial non-compliance of the agreed terms, Panreac reserves the right to terminate the contract without need for previous notice and with the possibility of claiming the corresponding indemnity for damages and prejudicial consequences.

2. Orders and supplies.
Orders placed with Panreac are not binding unless they contain the following details:
- Complete code, size of the container (according to current tariffs), quantity of product or if applicable, number of units to acquire.
- Order number.
- Product address and delivery system.
- Invoice delivery address.
- Payment conditions agreed and direct bank debit.

On request, Panreac can supply products or qualities in uncatalogued measures, and uncatalogued products or qualities, whenever previously negotiated and agreed on by Panreac.

3. Order acceptance.
Acceptance of the order must necessarily be made expressly and in writing. However, the order will be treated as accepted by Panreac if it proceeds to process the corresponding application. In any case it will be understood that the buyer recognizes and accepts the content of the present general sales conditions with the order fulfilment, likewise declaring that the buyer has been able to revise it with sufficient priority to give their total and complete acceptance.
If the buyer does not provide all the information indicated in Condition 2 above and which necessarily must appear on the order, Panreac reserves the right not to accept it and/or ask the buyer for the necessary data for correct processing. In this last case, if in the term of 10 days the additional required information has not been provided, Panreac may accept the order, processing the corresponding order according to available data, or reject it, remaining in both cases exempt of all responsibility. Once the order has been processed and accepted expressly or tacitly according to the indicated terms, this will be absolute and legally binding for buyer and Panreac, respectively.

4. Prices and Payment conditions.
As a general rule, unless otherwise stated, the prices established in the catalogues, website price lists and current offers are net retail prices, including standard containers and packaging. The cost of non-standard containers or packaging will be charged separately. Prices, offers and price lists may vary. They may be subject to modification consequent to costs of raw materials, production process and/or force majeure, and should therefore be considered in any case to be without commitment. All taxes will be chargeable to the Purchaser, in particular Value Added Tax, import and export duties, any charges or rates applicable to the sale, despatch and entry of Products, and Special Taxes, and likewise any costs or charges unless expressly accepted by Panreac pursuant to these Terms.
Panreac and the Purchaser will agree the payment terms for each order. Products will be payable in advance before shipment, except in case of special arrangement.

5. Delivery.
The products are made available to the buyer in the Panreac warehouses, at which time they are deemed delivered to all the effects and purposes.
Export shipments are made from Barcelona according to Incoterms 2010, except when this is not possible due to causes outside Panreac's control. Deliveries are made freight forward by the means the buyer indicates. If no means has been specified, Panreac can choose the system or means of transport it considers the most ideal.
If freight is paid by Panreac, it may use the transport company of its choice. Panreac will not be held responsible for delays due to processing prescribed export licences or for restrictions to export, whatever its cause or origin. The products that obligatorily require license or export control or that are subject to voluntary controls will be identified as such in the catalogues. In any case, the buyer will be responsible for obtaining licences, permission, etc. necessary for product export and import, exempting Panreac of all duties along with any responsibility whatsoever where the corresponding licenses, permission, etc. cannot be obtained.

6. Domain reserve.
Panreac reserves the vested property of the products delivered to the buyer while the latter has not credited the entirety of the amount of the corresponding invoice.
Where the buyer has proceeded to resell or alter the products with respect to Panreac attempting to exercise their right of domain reserve through payment pending, Panreac may freely seize other goods used by the same buyer up to the corresponding amount owing in payment.

7. Insurance.
In freight forward deliveries within Spanish territory, insurance must be contracted and is charged to the buyer. In deliveries to other countries, the buyer must take out insurance, except where expressly requesting Panreac in writing to include insurance in the invoice according to sale conditions agreed in each order as per Incoterms 2010.

8. Containers and Packaging.
The containers and packaging used by Panreac are the most adequate for each product, complying in each case with current legislation, including dangerous goods transport homologation. However, it is the responsibility of the buyer to check whether the containers comply to local product storage conditions along with any another local regulations with the object of ensuring their compliance to which Panreac is committed. If different, the buyer will expressly inform Panreac in the order, exonerating Panreac from this moment and until then of any responsibility for the said concept where the buyer makes no specific mention. Panreac agrees to inform the carrier on the fragility and/or dangerous nature of the goods delivered, both through documentation and through delivery and packaging labels. The buyer, on their side, is responsible for inspecting the boxes on reception before sealing them with the conformity of the transport agency.

9. Inspected products.
- Ethanols: EC Regulations on special taxes 92/12/EEC - 92/83/EEC - 92/84/EEC. Spanish Law 38/1992-40/1995, Royal Decree R.D. 1165/1995, Regulation on special taxes.
- Psychotropics: International Convention on Psychotropic Substances, Viena 21.02.71. Spanish Royal Decree R.D. 2829/1977 on Regulation of Psychotropic Products.
- Discouraging the diversion of certain substances to the illicit manufacture of precursor drugs and psychotropic substances: EC 273/2004, 111/2005 and 1277/2005. Spanish Law 3/1996, R.D. 865/1997 and 293/2004.
- Ionizers: Directive 96/29/EURATOM, Spanish Legislation R.D. 783/2001 on Health Protection against Ionizing Radiations.
- Dual Use Substances: EC Regulations 1334/2000, 1504/2004 and 394/2006. Spanish Legislation R.D. 1782/2004.
- Export and import of dangerous chemicals: EC Regulation 689/2008.

• Substances that Deplete the Ozone Layer: EC Regulation 2037/2000.
Note: All these dispositions are for Spain and/or the EC, please consult modifications, corrections and/or extensions. We recommend to consult the equivalent regulations in purchaser's country.

10. Returns and Claims.
The buyer is obliged to check that the products supplied conform to the contracted characteristics and are adequate to the aims to which they will be applied. The products are considered accepted and agreed upon by the buyer regarding quality and quantity except when, within a thirty-day maximum term from reception, the buyer notifies in writing of their non-acceptance, indicating the cause.
Panreac will not accept product returns except when:
i) The products justifiably do not correspond to the characteristics contracted.
In this case, in addition to the justification and technical argument, the buyer must indicate the manufacturing batch number that appears on the label and must send Panreac one of the sealed containers from the same box together with the claim object.
ii) The return is previously agreed in writing with the buyer, specifying those aspects regarding number of units, price payable, demerit for reconditioning and all other details considered necessary. In this case, freight will always be at the buyer's expense.
Once the products object of return have been studied and checked by Panreac, the latter will remit a detailed technical answer to the buyer, accepting or rejecting the claim presented. If accepting it, the products will be replaced. If not, the parties agree to subject the question to the official competent body in the materia, chosen by Panreac to carry out an alternative analysis and/or act as mediator. The parts agree that this resolution is of a binding nature, obligating compliance. The costs will be paid by the party whose claim has not been accepted. In the case of partial acceptance, the costs are split equally.
Containers and packaging may not be an object of return in any case.

11. Use-Responsibilities.
Panreac guarantees that their products are manufactured for analytical, scientific, didactic and industrial uses and always by qualified technicians in accordance with the uses to which they are destined. The purity specifications of the products can be modified without previous warning to the buyer. The specifications appearing on the container labels and/or certificates of analysis are binding for both parties.
Panreac is not responsible for inadequate or negligent use of the products by the buyer (including non-observance of the recommendations included in these conditions) nor of the non-observance of the safety instructions printed on each label and material safety data sheet (MSDS), along with the placing of the products within reach of children or minors. For applications not strictly within analytic laboratories, Panreac expressly recommends that they are consulted in each case to advise on the most ideal quality to this end, and decline all responsibility in the case of this recommendation not being followed.
Panreac is not responsible for damage that can be caused during transport and unloading of products.
According to the Spanish Law 31/95 of Occupational Hazard Prevention and their regulations or the equivalent in each country of destination, the buyer must evaluate, instruct and inform their employees about the identified risks on the handling of chemical products, and provide the collective or individual and adequate protection equipments and establish the necessary patterns on carefulness of health indicated for each case.

12. Recommendations.
Panreac recommends that the buyer consult the maximum impurity limit, the analysis type and any other specification appearing on the product labels and/or certificates of analysis and, if possible, confirm data fundamental for the use to which the product is destined, so that, without prejudice to catalogue indications or price lists, the buyer must verify for themselves whether the products are adequate and answer the needs of the buyer in each case.
The technical data sheets, certificates of analysis and material safety data sheets (MSDS) are available at www.panrea.com.
Panreac recommends that the buyer consult the legislation applicable at all times on material handling, storage and dangerous goods transport, along with incompatibilities between products that can react violently together.
In this area, the current regulations are:
• Spanish Law - Royal Decree 379/2001 (Ministry of Sciences and Technology) on chemical product storage.
• European Agreement on the International Transport of Dangerous Goods by Road/Rail (ADR/RID).
• International Maritime Code on Dangerous Goods (IMDG).
• Regulations on Dangerous Goods by the International Air Transport Association (IATA).
• EC Regulation 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation EEC 793/93 and Commission Regulation EC 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Note: All these dispositions are for Spain and/or the EC, please consult modifications, corrections and/or extensions. We recommend to consult the equivalent regulations in purchaser's country.
Panreac will answer all queries referring to the questions related to the current legislation with the object that the buyer has all necessary information and/or documentation available for correct product use. Panreac can also indicate the manner to obtain the entire texts of the regulations in question.

13. Force Majeure.
Panreac will in no case be responsible for delay in product delivery when this is caused by Force Majeure or when the delay is not imputable solely to Panreac. In purely informative terms, Force Majeure is considered to be fires, explosions, lightening, sudden incapacity to obtain raw materials, manpower, etc.

14. Litigation.
In cases of litigation on the compliance of specifications and quality characteristics, the regulations and verification methods of Panreac will prevail. For the resolution of any legal question derived from the present general sales conditions, the parties will submit to the Courts of the city of Barcelona (Spain), with express waiver to any other jurisdiction that might correspond to them. The applicable legislation will be Spanish legislation with express exclusion of any another that could be applied.

Panreac

NEW PRODUCTS ADDED

REAGENTS		
CODE	DESCRIPTION	PACKAGE
126946	Amyl Alcohol according to Van Gulik (ISO 3433:2008) PA	1000 ml
766878	Boron standard dissolved in ammonia solution 1% B=1000+-5 ug/g ICP	100 ml
125535	Bromine Index AMDS solution PA	1000 ml
786916	Cesium standard solution Cs=1,000+-0,002 g/l IC	500 ml
786918	Cobalt standard solution Co=1,000+-0,002 g/l IC	500 ml
396882	Conductivity Standard 84 uS/cm (25°C) RS	12x20 ml
396882	Conductivity Standard 84 uS/cm (25°C) RS	250 ml
396881	Conductivity Standard 147 uS/cm (25°C) RS	12x20 ml
396881	Conductivity Standard 147 uS/cm (25°C) RS	250 ml
786919	Copper standard solution Cu=1,000+-0,002 g/l IC	500 ml
141811	mono-Chloroacetic Acid PRS	1000 g
786921	Chromium(III) standard solution Cr=1,000+-0,002 g/l IC	500 ml
786920	Chromium(VI) standard solution Cr=1,000+-0,002 g/l IC	500 ml
192372	Diethyl Phthalate (USP-NF, BP, Ph. Eur.) CODEX	25 l
214632	Embalming Mixture QP	5 l
214632	Embalming Mixture QP	25 l
256879	Eosin Yellowish alcoholic solution 1% DC	500 ml
176457	Formol Absorbent RE	500 g
176457	Formol Absorbent RE	1000 g
256462	Histofix ® Preservative ready to use DC	45x10 ml
256462	Histofix ® Preservative ready to use DC	44x20 ml
256462	Histofix ® Preservative ready to use DC	45x30 ml
256462	Histofix ® Preservative ready to use DC	45x40 ml
256462	Histofix ® Preservative ready to use DC	24x75 ml
256700	Histofix ® Spray fixative DC	6 x 100 ml
716323	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	500 ml
786934	Iodide standard solution I=1,000+-0,002 g/l IC	500 ml
786925	Iron standard solution Fe=1,000+-0,002 g/l IC	500 ml
396883	Karl Fischer Water Standard 5,0 mg/g RS	10x10 ml
786931	Lead standard solution Pb=1,000+-0,002 g/l IC	500 ml
353710	Linoleic Acid CG	1 ml
352761	Methyl Laurate CG	1 ml
786937	Multielement standard solution, anionic III IC	100 ml
786937	Multielement standard solution, anionic III IC	500 ml
786938	Multielement standard solution, anionic IV IC	100 ml
786938	Multielement standard solution, anionic IV IC	500 ml
786939	Multielement standard solution, anionic V IC	100 ml
786939	Multielement standard solution, anionic V IC	500 ml
786941	Multielement standard solution, cationic II IC	100 ml
786941	Multielement standard solution, cationic II IC	500 ml
786942	Multielement standard solution, cationic III IC	100 ml
786942	Multielement standard solution, cationic III IC	500 ml
786943	Multielement standard solution, cationic IV IC	100 ml
786943	Multielement standard solution, cationic IV IC	500 ml
786927	Nickel standard solution Ni=1,000+-0,002 g/l IC	500 ml
786928	Nitrogen ($N\text{-}NO_2^-$) standard solution N=1,000+-0,002 g/l IC	500 ml
786929	Nitrogen ($N\text{-}NO_3^-$) standard solution N=1,000+-0,002 g/l IC	500 ml
192786	Octanoic Acid (RFE, BP, Ph. Eur.) CODEX	5 l
192786	Octanoic Acid (RFE, BP, Ph. Eur.) CODEX	25 l
256876	Paraffin Cleaner DC	6x100 ml
256876	Paraffin Cleaner DC	15x100 ml
786922	Phosphorus standard solution P=1,000+-0,002 g/l IC	500 ml
191486	Potassium Hydrogen Tartrate (USP) CODEX	25 kg
786932	Rubidium standard solution Rb=1,000+-0,002 g/l IC	500 ml

REAGENTS		
CODE	DESCRIPTION	PACKAGE
176448	Silica Gel 60, 40-63 microns RE	1000 g
176448	Silica Gel 60, 40-63 microns RE	5 kg
176448	Silica Gel 60, 40-63 microns RE	25 kg
786930	Silver standard solution Ag=1,000+-0,002 g/l IC	500 ml
196454	Sodium Caprylate (Ph. Eur., BP) CODEX	1000 g
196454	Sodium Caprylate (Ph. Eur., BP) CODEX	5 kg
196454	Sodium Caprylate (Ph. Eur., BP) CODEX	25 kg
191716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) CODEX	5 kg
191716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) CODEX	25 kg
152777	Sulphuric Acid fuming ~20% SO_3 PS	1000 ml
396900	TIC Standard (50 mg/l) RS	1000 ml
396901	TIC Standard (100 mg/l) RS	1000 ml
396902	TIC Standard (500 mg/l) RS	1000 ml
396903	TIC Standard (1000 mg/l) RS	1000 ml
396904	TIC Standard (10000 mg/l) RS	1000 ml
396905	TOC Standard (50 mg/l) RS	1000 ml
396906	TOC Standard (100 mg/l) RS	1000 ml
396907	TOC Standard (500 mg/l) RS	1000 ml
396908	TOC Standard (1000 mg/l) RS	1000 ml
396909	TOC Standard (10000 mg/l) RS	1000 ml
131752	Uranyl Acetate 2-hydrate PA-ACS	25 g
131753	Uranyl Nitrate 6-hydrate PA-ACS	25 g

CULTIMED		
CODE	DESCRIPTION	PACKAGE
AFW-045MC	Analytical Funnel, sterilized, individually packed, 47 mm, 0.45 microns CULTIMED	50 units
446910	CCA Coliforms, Chromogenic Agar (Prepared Plate (Ø 55 mm)) CULTIMED	30 dishes
416911	Cefoxitine, Supplement (Additive) CULTIMED	10 vials
456109	E.coli, Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
416445	Indole Sticks CULTIMED	pack
415379	Letheen Agar (modified) (Dehydrated Culture Media) CULTIMED	500 g
415382	Letheen Broth (modified) (Dehydrated Culture Media) CULTIMED	500 g
416893	Lipase C, Supplement (Additive) CULTIMED	10 vials
416891	Listeria Chromogenic Agar (ISO 11290-1:2004) (Dehydrated Culture Media) CULTIMED	500 g
456891	Listeria Chromogenic Agar (ISO 11290-1:2004) (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
416894	Listeria Selective Chromogenic Supplement (Additive) CULTIMED	10 vials
466885	M-Cetrimide (3 ml ampoules) CULTIMED	50 x 3 ml
466890	M-Endo (3 ml ampoules) CULTIMED	50 x 3 ml
466888	M-FC (3 ml ampoules) CULTIMED	50 x 3 ml
466889	M-Green (3 ml ampoules) CULTIMED	50 x 3 ml
416895	Minerals (modified) Glutamated Broth (MMGB) (ISO 16649-3) (Dehydrated Culture Media) CULTIMED	500 g
466887	M-TGE (3 ml ampoules) CULTIMED	50 x 3 ml
466886	M-WLD (3 ml ampoules) CULTIMED	50 x 3 ml
416444	Oxidase Sticks CULTIMED	50 sticks
456110	Salmonella Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
456892	Staphylococcus Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
416892	Staphylococcus Chromogenic Agar Base (Dehydrated Culture Media) CULTIMED	525 g
456220	TBX Agar (ISO 16649-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
465576	TSC, Agar (UNE-EN 13401) (Prepared tubes) CULTIMED	20 tubes

Panreac

NEW PACKAGING SIZES ADDED

REAGENTS		
CODE	DESCRIPTION	PACKAGE
394659.0922	Conductivity Standard 1413 uS/cm (25°C) RS	12x20 ml
394657.0922	Conductivity Standard 5446 uS/cm (25°C) RS	12x20 ml
394658.0922	Conductivity Standard 12,88 mS/cm (25°C) RS	12x20 ml
161345.1612	Heptane, alkanes mixture PS	2,5 l
161345.0616	Heptane, alkanes mixture PS	25 l
875599.1611	Hexamethyldisilazane (VLSI) EG	1000 ml
256462.0943	Histofix ® Preservative ready to use DC	16x125 ml
256462.0944	Histofix ® Preservative ready to use DC	12x200 ml
256462.09149	Histofix ® Preservative ready to use DC	10x600 ml
256462.09118	Histofix ® Preservative ready to use DC	1,5 l
256462.0931	Histofix ® Preservative ready to use DC	3 l
256462.0914	Histofix ® Preservative ready to use DC	5 l
381020.1210	Hydrochloric Acid 37% (TMA) ANALPUR	500 ml
866323.1212	Hydrogen Peroxide 30% w/w (MOS) EG	2,5 l
326165.1612	Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI	2,5 l
122353.1606	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	25 g
174275.0914	Silica Gel 60, 63-200 microns RE	5 kg
174275.0416	Silica Gel 60, 63-200 microns RE	25 kg

Cultimed

CULTIMED		
CODE	DESCRIPTION	PACKAGE
493795.0981	Buffered Peptone Water (ISO 6579:2002) (Prepared Bottles) CULTIMED	3 x 3 l

PRODUCTS WHICH HAVE CHANGED NAME, QUALITY OR CODE

REAGENTS			
BEFORE		NOW	
CODE	DESCRIPTION	CODE	DESCRIPTION
191959	Alkylbenzyldimethylammonium Chloride (USP) CODEX	191959	Alkylbenzyldimethylammonium Chloride (USP-NF) CODEX
15A894	n-Butyl Nitrite, 97% stabilized with ~0,5% of sodium carbonate anhydrous PS	15A894	n-Butyl Nitrite stabilized with ~0,5% of sodium carbonate anhydrous PS
745876	Caps for NMR tubes PAI	745876	Black caps for NMR tubes PAI
151290	Di-Isobutylketone, 98% PS	151290	Di-Isobutylketone PS
15A446	1-Hydroxybenzotriazole hydrate, 98% PS	15A446	1-Hydroxybenzotriazole moistened with ~33% of H_2O PS
473255	Nitric Acid 65% (max. 0,0000005% Hg) PA-ISO	473255	Nitric Acid 65% (max. 0,0000005% Hg) PA
142786	Octanoic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	142786	Octanoic Acid PRS
141323	Phenol 90% aqueous solution PRS	141323	Phenol 90% aqueous solution (USP) PRS-CODEX
202333	di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii) ADITIO	202333	di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.) ADITIO
206401	Potassium Nitrate with anticaking (E-252, F.C.C.) ADITIO	206401	Potassium Nitrate with anticaking (F.C.C.) ADITIO
141545	1,2-Propanediol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	141545	1,2-Propanediol (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX
345268	Reference Standard for Oenology (Red Wine) CRS	345268	Certified Control Material for Oenological analysis (Red Wine) CRS
345271	Reference Standard for Oenology (White Wine) CRS	345271	Certified Control Material for Oenological analysis (White Wine) CRS
171659	Sodium Chloride ASTM B117-07 RE	171659	Sodium Chloride ASTM B117-09 RE
175305	Sodium Chloride solution ASTM B117-07 RE	175305	Sodium Chloride solution ASTM B117-09 RE
141929	Sodium Hydroxide pearls (USP, BP, Ph. Eur.) PRS-CODEX	141929	Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.) PRS-CODEX
203307	Sodium Lactate solution 50% w/w (E-325, F.C.C.) ADITIO	203307	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO
141716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	141716	Sodium Sulphate anhydrous PRS
131066	L(+)-Tartaric Acid PA-ACS-ISO	131066	L(+)-Tartaric Acid PA-ACS
164527	2,2,2-Trifluoroethanol, 99% PS	164527	2,2,2-Trifluoroethanol PS
256065	Vitrosec® 100 dehydrating solvent for pathological anatomy DC	256065	Vitrosec® dehydrating DC
256065.2711	Vitrosec® 100 dehydrating solvent for pathological anatomy DC	256065.1211	Vitrosec® dehydrating DC
141788	Zinc Sulphate 1-hydrate (USP) PRS-CODEX	141788	Zinc Sulphate 1-hydrate (USP, Ph. Eur., BP) PRS-CODEX

PRODUCTS WHICH HAVE CHANGED NAME, QUALITY OR CODE

CULTIMED

CULTIMED			
BEFORE		NOW	
CODE	DESCRIPTION	CODE	DESCRIPTION
433744	Baird-Parker Agar (Ph. Eur.) (Contact Plate) CULTIMED	433744	Baird-Parker Agar (ISO 6888) (Contact Plate) CULTIMED
493744	Baird-Parker Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	493744	Baird-Parker Agar (ISO 6888) (Prepared Bottles) CULTIMED
453744	Baird-Parker Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	453744	Baird-Parker Agar (ISO 6888) (Prepared Plate (Ø 90 mm)) CULTIMED
413744	Baird-Parker Agar Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413744	Baird-Parker Agar Base (Dehydrated Culture Media) CULTIMED
414654	Bile Tetrathionate-Brilliant Green Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	414654	Bile Tetrathionate-Brilliant Green Broth (Dehydrated Culture Media) CULTIMED
413823	Brilliant Green Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413823	Brilliant Green Agar (Dehydrated Culture Media) CULTIMED
414944	Buffered Sodium Chloride-Peptone solution (BP, Ph. Eur.) (Dehydrated Culture Media) CULTIMED	414944	Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
494944	Buffered Sodium Chloride-Peptone solution (BP, Ph. Eur.) (Prepared Bottles) CULTIMED	494944	Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Bottles) CULTIMED
464944	Buffered Sodium Chloride-Peptone solution (BP, Ph. Eur.) (Prepared Tubes) CULTIMED	464944	Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Tubes) CULTIMED
413755	Desoxycholate Citrate Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413755	Desoxycholate Citrate Agar (Dehydrated Culture Media) CULTIMED
413776	Lactosed Broth (Ph. Eur.) Dehydrated Culture Media) CULTIMED	413776	Lactosed Broth (Dehydrated Culture Media) CULTIMED
495382	Letheen Broth (Prepared Bottles) CULTIMED	495382	Letheen Broth (modified) (Prepared Bottles) CULTIMED
465382	Letheen Broth (Prepared Tubes) CULTIMED	465382	Letheen Broth (modified) (Prepared Tubes) CULTIMED
433783	Mannitol Salt Agar (Contact Plate) CULTIMED	433783	Mannitol Salt Agar (Ph. Eur.) (Contact Plate) CULTIMED
413783	Mannitol Salt Agar (Dehydrated Culture Media) CULTIMED	413783	Mannitol Salt Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
453783	Mannitol Salt Agar (Prepared Plate (Ø 90 mm)) CULTIMED	453783	Mannitol Salt Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED
495425	Peptone Water with neutralizing agents (Prepared Bottles) CULTIMED	495425	Peptone Water with neutralizing agents (Ph. Eur.) (Prepared Bottles) CULTIMED
413758	Potato Glucose Agar (Dehydrated Culture Media) CULTIMED	413758	Potato Glucose Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
414959	Rappaport-Vassiliadis (RVS) Broth (Dehydrated Culture Media) CULTIMED	414959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED
464959	Rappaport-Vassiliadis (RVS) Broth (Prepared Tubes) CULTIMED	464959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Prepared Tubes) CULTIMED
413804	Sabouraud Liquid Medium (Dehydrated Culture Media) CULTIMED	413804	Glucose Sabouraud Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
496265	Saline Peptone Water (NF ISO 6579:1990) (Prepared Bottles) CULTIMED	496265	Saline Peptone Water (ISO 6887-1:1999) (Prepared Bottles) CULTIMED
453812	Slanetz Bartley Medium (Prepared Plate (Ø 90 mm)) CULTIMED	453812	Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED
454955	Tergitol 7 Agar (Chapman TTC modified) (Prepared Plate (Ø 90 mm)) CULTIMED	454955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 90 mm)) CULTIMED
413815	Thioglycollate (USP), Liquid Medium (Dehydrated Culture Media) CULTIMED	413815	Thioglycollate, Liquid Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
413771	Triple Sugar Iron Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413771	Triple Sugar Iron Agar (Dehydrated Culture Media) CULTIMED
463771	Triple Sugar Iron Agar (Ph. Eur.) (Prepared Tubes) CULTIMED	463771	Triple Sugar Iron Agar (ISO 6579:2002) (Prepared Tubes) CULTIMED
435095	TSA-Tween-Lecithin-Agar (Contact Plate) CULTIMED	435095	TSA-Tween-Lecithin-Agar (Ph. Eur.) (Contact Plate) CULTIMED
455095	TSA-Tween-Lecithin-Agar (Prepared Plate (Ø 90 mm)) CULTIMED	455095	TSA-Tween-Lecithin-Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED
495576	TSC Agar (Prepared Bottles) CULTIMED	495576	TSC Agar (UNE-EN 13401) (Prepared Bottles) CULTIMED
445576	TSC Agar (Prepared Plate (Ø 55 mm)) CULTIMED	445576	TSC Agar (UNE-EN 13401) (Prepared Plate (Ø 55 mm)) CULTIMED
415576	TSC Agar Base (Dehydrated Culture Media) CULTIMED	415576	TSC Agar Base (UNE-EN 13401) (Dehydrated Culture Media) CULTIMED
413746	Violet Red Bile Lactose Agar (VRBL) (Dehydrated Culture Media) CULTIMED	413746	Violet Red Bile Lactose Agar (VRBL) (ISO 4832) (Dehydrated Culture Media) CULTIMED
416255	Violet Red Bile Lactose and Glucose Agar (VRBLG) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	416255	Violet Red Bile Lactose and Glucose Agar (VRBLG) (Dehydrated Culture Media) CULTIMED


Panreac
Responsibility
towards customers,
environment, employees
and society

PANREAC REAGENTS

Panreac

ACAC
(see 2,4-Pentanedione)

Acacia
(see Arabic Gum)

ACES
(see N-(2-Acetamido) 2-Aminoethanesulphonic Acid)

Acetaldehyde, 99% PS
C_2H_4O
M: 44,05 CAS: 75-07-0 EINECS: 200-836-8 NC: 2912 12 00 UN: 1089
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: P CAO: 304
Signal Word: Danger



H224-H319-H335-H351

1l~0,780kg 1kg~1,282l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 16/4	0,786-0,790

Order code	Package	Units/Box st.
15A656.1609	250 ml	6
15A656.1611	1000 ml	6

Acetamide PA
C_2H_5NO
M: 59,07 CAS: 60-35-5 EINECS: 200-473-5 NC: 2924 19 00
Signal Word: Warning



H351

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Melting range	79-81°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Insoluble matter in C_2H_5OH	p/t.
Residue on ignition (as SO_4)	0,01 %
Acidity (as CH_3COOH)	0,05 %
Water (H_2O)	0,2 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,002 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121004.1210	500 g	6
121004.0914	5 kg	

Acetamide PRS
C_2H_5NO
M: 59,07 CAS: 60-35-5 EINECS: 200-473-5 NC: 2924 19 00
Signal Word: Warning



H351

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Melting range	78-81°C
Insoluble matter in H_2O	0,025 %
Acidity (as CH_3COOH)	0,1 %
Water (H_2O)	0,5 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141004.1210	500 g	6
141004.1211	1000 g	6
141004.0914	5 kg	

Acetamide, 99% PS
C_2H_5NO
M: 59,07 CAS: 60-35-5 EINECS: 200-473-5 NC: 2924 19 00
Signal Word: Warning



H351

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Melting range	79-81°C

Order code	Package	Units/Box st.
151004.1208	100 g	6
151004.1210	500 g	6

Acetamidine Hydrochloride
(see Acetamidinium Chloride)

Acetamidinium Chloride, 98% PS
$CH_3C(=NH)NH_2$. HCl
M: 94,54 CAS: 124-42-5 EINECS: 204-700-9 NC: 2925 19 95
Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15B668.1208	100 g	6

L-α-Acetamido-β-Mercaptopropionic Acid
(see N-Acetyl-L-Cysteine)

Acetanilide (Reag. USP) PA
C_8H_9NO
M: 135,17 CAS: 103-84-4 EINECS: 203-150-7 NC: 2924 29 95
Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Melting range	114-116°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH	p/t.
Loss on drying	0,5 %
Residue on ignition (as SO_4)	0,05 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121005.1209	250 g	6
121005.0914	5 kg	

Acetanilide PRS
C_8H_9NO
M: 135,17 CAS: 103-84-4 EINECS: 203-150-7 NC: 2924 29 95
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Melting range	113-116°C
Insoluble matter in C_2H_5OH	p/t.
Loss on drying	0,8 %
Residue on ignition (as SO_4)	0,2 %

Order code	Package	Units/Box st.
141005.1210	500 g	6
141005.1211	1000 g	6
141005.0914	5 kg	
141005.0416	25 kg	

Acetanilide, 99% PS

C_8H_9NO

M: 135,17 CAS: 103-84-4 EINECS: 203-150-7 NC: 2924 29 95

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 113-116°C

Order code	Package	Units/Box st.
151005.1208	100 g	6
151005.1210	500 g	6

Acetic Acid glacial (TMA) HIPERPUR-PLUS

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Minimum assay ..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag 50	Hf 10	Sb 50
Al 50	Ho 1	Sc 10
As 50	In 1	Sm 1
Ba 10	K 50	Sn 50
Be 10	La 1	Sr 10
Bi 10	Li 10	Tb 1
Ca 50	Lu 10	Te 1
Cd 10	Mg 50	Th 1
Ce 10	Mn 10	Ti 10
Co 10	Mo 10	Tl 10
Cr 10	Na 100	Tm 1
Cs 10	Nd 1	U 1
Cu 10	Ni 50	V 10
Dy 1	Pb 10	W 10
Er 1	Pr 1	Y 1
Eu 1	Pt 50	Yb 1
Fe 50	Rb 10	Zn 50
Ga 10	Re 10	Zr 10
Gd 1	Rh 50	
Ge 10	Ru 50	

Analysis Type

Ag 50	Hf 10	Sb 10
Al 20	Ho 0,1	Sc 1
As 20	In 1	Se 50
Ba 1	K 30	Sm 0,1
Be 5	La 0,1	Sn 10
Bi 1	Li 1	Sr 1
Ca 50	Lu 0,1	Tb 0,1
Cd 1	Mg 10	Te 1
Ce 0,1	Mn 1	Th 0,1
Co 1	Mo 10	Ti 10
Cr 10	Na 50	Tl 0,1
Cs 0,1	Nd 0,1	Tm 0,1
Cu 5	Ni 10	U 0,1
Dy 0,1	Pb 2	V 1
Er 0,1	Pr 0,1	W 10
Eu 0,1	Pt 50	Y 1
Fe 20	Rb 1	Yb 0,1
Ga 1	Re 0,1	Zn 20
Gd 0,1	Rh 20	Zr 10
Ge 1	Ru 20	

Order code	Package	Units/Box st.
711008.0009	250 ml	6

Acetic Acid glacial (TMA) HIPERPUR

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Minimum assay ..... 99 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Reducing substances to $K_2Cr_2O_7$ ..... p/t.
Reducing substances to $KMnO_4$ ..... p/t.
Chloride (Cl) ..... 0,0001 %
Phosphate (PO_4) ..... 0,0001 %
Sulphate (SO_4) ..... 0,00005 %

Metals by ICP (ppb)

Ag 1	Hf 0,1	Ru 0,5
Al 1	Hg 1	Sb 0,5
As 0,5	Ho 0,1	Sc 0,1
Ba 0,5	In 0,1	Se 1
Be 0,1	K 1	Sm 0,1
Bi 0,1	La 0,1	Sn 0,5
Ca 1	Li 0,1	Sr 0,5
Cd 0,5	Lu 0,1	Tb 0,1
Ce 0,1	Mg 0,5	Te 0,5
Co 0,1	Mn 0,5	Th 0,1
Cr 1	Mo 0,5	Ti 0,5
Cs 0,1	Na 1	Tl 0,1
Cu 0,5	Nd 0,1	Tm 0,1
Dy 0,1	Ni 0,5	U 0,1
Er 0,1	Pb 0,1	V 0,5
Eu 0,1	Pr 0,1	W 0,5
Fe 1	Pt 0,5	Y 0,1
Ga 0,1	Rb 0,1	Yb 0,1
Gd 0,1	Re 0,1	Zn 1
Ge 0,5	Rh 0,5	Zr 0,1

Analysis Type

Ag 0,1	Hf 0,1	Ru 0,1
Al 0,5	Hg 0,1	Sb 0,1
As 0,1	Ho 0,1	Sc 0,1
Ba 0,1	In 0,1	Se 0,5
Be 0,1	K 0,5	Sm 0,1
Bi 0,1	La 0,1	Sn 0,1
Ca 1	Li 0,1	Sr 0,1
Cd 0,1	Lu 0,1	Tb 0,1
Ce 0,1	Mg 0,2	Te 0,1
Co 0,1	Mn 0,1	Th 0,1
Cr 0,1	Mo 0,1	Ti 0,1
Cs 0,1	Na 1	Tl 0,1
Cu 0,2	Nd 0,1	Tm 0,1
Dy 0,1	Ni 0,1	U 0,1
Er 0,1	Pb 0,1	V 0,1
Eu 0,1	Pr 0,1	W 0,1
Fe 0,5	Pt 0,1	Y 0,1
Ga 0,1	Rb 0,1	Yb 0,1
Gd 0,1	Re 0,1	Zn 0,5
Ge 0,1	Rh 0,1	Zr 0,1

Order code	Package	Units/Box st.
721008.0010	500 ml	6
721008.0011	1000 ml	6
721008.0012	2,5 l	4

Acetic Acid glacial (HPLC) PAI

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,1 %
UV Spectrum (1cm cell; Ref.: water)

λ (nm)	253 (Cut off)	254	280	300-450
A (AU)	1,000	0,602	0,022	0,009
T (%)	10	25	95	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 6,0
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361008.1611	1000 ml	6
361008.1612	2,5 l	4

Acetic Acid glacial (Reag. Ph. Eur.) PA-ACS-ISO

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,7 %
Density at 20/20 1,050-1,052
Freezing point ..... ≥16,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
Residue on ignition (as SO_4) ..... 0,0005 %
Reducing substances to $K_2Cr_2O_7$ ..... p/t.
Reducing substances to $KMnO_4$ ..... p/t.
Alkalinity ..... 0,0004 meq/g
Peroxides (H_2O_2) ..... 0,0002 %
Acetaldehyde (CH_3CHO) ..... 0,0002 %
Water (H_2O) ..... 0,2 %
Acetic anhydride [$(CH_3CO)_2O$] (G.C.) ..... 0,01 %
Chloride (Cl) ..... 0,00004 %
Formate (HCOO) ..... 0,01 %
Nitrate (NO_3) ..... 0,0001 %
Phosphate (PO_4) ..... 0,00004 %
Sulphate (SO_4) ..... 0,0001 %
Heavy metals (as Pb) ..... 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,01	Cu	0,01	Ni	0,05
Al	0,05	Fe	0,1	Pb	0,5
As	0,5	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,02	Sb	0,02
B	0,05	Hg	0,1	Si	0,1
Ba	0,1	In	0,05	Sn	0,05
Be	0,01	K	0,1	Sr	0,05
Bi	0,05	Li	0,01	Ti	0,05
Ca	0,5	Mg	0,1	Tl	0,02
Cd	0,01	Mn	0,01	V	0,02
Co	0,01	Mo	0,02	Zn	0,05
Cr	0,02	Na	0,5	Zr	0,05

Order code	Package	Units/Box st.
131008.1611	1000 ml	6
131008.1211	1000 ml	6
131008.1612	2,5 l	4
131008.1212	2,5 l	4
131008.1214	5 l	4
131008.0716	25 l	
131008.0718	60 l	
131008.0719	200 l	

Acetic Acid glacial (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Assay (Acidim.) 99,5-100,5%
Identity according to Pharmacopoeias ..... p/t.
Freezing point ..... ≥15,6°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of the substance ..... p/t.
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,005 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Easily oxidable substances ..... p/t.
Reducing substances ..... p/t.
Aldehydes (as CH_3CHO) ..... 0,05 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Fe ..... 0,0005 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141008.1611	1000 ml	6
141008.1211	1000 ml	6
141008.1612	2,5 l	4
141008.1212	2,5 l	4
141008.1214	5 l	4
141008.0716	25 l	
141008.0718	60 l	
141008.0719	200 l	

Acetic Acid glacial (E-260, F.C.C.) ADITIO

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Assay (as $C_2H_4O_2$) by weight 99,8-100,5%
Arsenic (as As), not more than ..... 1 ppm
Non-volatile Residue, not more than ..... 0,005 %
Easily Oxidizable substances ..... p/t.
Solidification Point, not lower than ..... 15,6°C
Formic Acid, Formates and other oxidizable substances (as Formic Acid), not more than ..... 0,1 %
Lead, not more than ..... 0,5 ppm
Heavy metals (as Pb), not more than ..... 10 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201008.1214	5 l	4
201008.0716	25 l	

Acetic Acid glacial, 99,5% PS

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Density at 20/4 1,048-1,050
Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
161008.1611	1000 ml	6
161008.1612	2,5 l	4
161008.1214	5 l	4
161008.0716	25 l	

Acetic Acid glacial QP

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	1,048-1,052
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211008.1211	1000 ml	6
211008.1214	5 l	4
211008.0716	25 l	
211008.0718	60 l	

Acetic Acid glacial DC

for determination of cholesterol and glucose

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,052kg 1kg~0,951l

SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Density at 20/4	1,048-1,050
Freezing point	≥16,0°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,001 %
Residue on ignition (as SO_4)	0,0005 %
Water (H_2O)	0,2 %
Chloride (Cl)	0,0001 %
Nitrate (NO_3)	0,0001 %
Phosphate (PO_4)	0,00005 %
Sulphate (SO_4)	0,0001 %

Ag 0,000001 %	Co 0,000001 %	Mn 0,000001 %
Al 0,000005 %	Cr 0,000002 %	Na 0,00005 %
As 0,00005 %	Cu 0,000001 %	Ni 0,000005 %
Ba 0,00001 %	Fe 0,00001 %	Pb 0,000002 %
Be 0,000001 %	K 0,00001 %	Sr 0,000005 %
Ca 0,00005 %	Li 0,000001 %	Zn 0,000005 %
Cd 0,000001 %	Mg 0,00001 %	

Order code	Package	Units/Box st.
251008.1611	1000 ml	6

Acetic Acid 96% PA

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H314

1l~1,06kg 1kg~0,94l

SPECIFICATIONS:

Minimum assay (Acidim.)	96,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,001 %
Residue on ignition (as SO_4)	0,0005 %
Reducing substances to $K_2Cr_2O_7$	p/t.
Reducing substances to $KMnO_4$	p/t.
Acetaldehyde (CH_3CHO)	0,0002 %
Chloride (Cl)	0,0001 %
Formate (HCOO)	0,01 %
Nitrate (NO_3)	0,0001 %
Sulphate (SO_4)	0,0001 %

Ag 0,000001 %	Co 0,000001 %	Mn 0,000001 %
Al 0,000005 %	Cr 0,000002 %	Na 0,00005 %
As 0,00005 %	Cu 0,000001 %	Ni 0,000005 %
Ba 0,00001 %	Fe 0,00001 %	Pb 0,000002 %
Be 0,000001 %	K 0,00001 %	Sr 0,000005 %
Ca 0,00005 %	Li 0,000001 %	Zn 0,000005 %
Cd 0,000001 %	Mg 0,00001 %	

Order code	Package	Units/Box st.
122703.1611	1000 ml	6
122703.1612	2,5 l	4
122703.1214	5 l	4
122703.0718	60 l	

Acetic Acid 80% PA

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,07kg 1kg~0,93l

SPECIFICATIONS:

Minimum assay (Acidim.)	80,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,001 %
Residue on ignition (as SO_4)	0,0005 %
Reducing substances to $K_2Cr_2O_7$	p/t.
Reducing substances to $KMnO_4$	p/t.
Peroxides	0,0002 %
Acetaldehyde (CH_3CHO)	0,0002 %
Chloride (Cl)	0,0001 %
Formate (HCOO)	0,01 %
Nitrate (NO_3)	0,0001 %
Sulphate (SO_4)	0,0001 %
Heavy metals (as Pb)	0,0001 %

Ag 0,000001 %	Co 0,000001 %	Mn 0,000001 %
Al 0,000005 %	Cr 0,000002 %	Na 0,00005 %
As 0,00005 %	Cu 0,000001 %	Ni 0,000005 %
Ba 0,00001 %	Fe 0,00001 %	Pb 0,000002 %
Be 0,000001 %	K 0,00001 %	Sr 0,000005 %
Ca 0,00005 %	Li 0,000001 %	Zn 0,000005 %
Cd 0,000001 %	Mg 0,00001 %	

Order code	Package	Units/Box st.
121556.1611	1000 ml	6
121556.1214	5 l	4
121556.0716	25 l	

ACETIC ACID SOLUTIONS

Acetic Acid 0,1 mol/l (0,1N) SV

Indicator: Phenolphthalein

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181011.1211	1000 ml	6

Acetic Acid 0,5 mol/l (0,5N) SV

Indicator: Phenolphthalein

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182118.1211	1000 ml	6

Acetic Acid 1 mol/l (1N) SV

Indicator: Phenolphthalein

CH_3COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00

1l~1,009kg 1kg~0,991l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181009.1211	1000 ml	6

Acetic Acid Benzyl Ester

(see Benzyl Acetate)

Acetic Acid Dimethylamide

(see N,N-Dimethylacetamide)

Acetic Acid 2-Phenylethyl Ester

(see 2-Phenylethyl Acetate)

Acetic Aldehyde

(see Acetaldehyde)

Acetic Anhydride (Reag. Ph. Eur.) PA-ACS-ISO

$(CH_3CO)_2O$

M: 102,09 CAS: 108-24-7 EINECS: 203-564-8 NC: 2915 24 00 UN: 1715
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H332-H302-H314

1l~1,08kg 1kg~0,93l

SPECIFICATIONS:

Minimum assay	99 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,003 %
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,0005 %
Heavy metals (as Pb)	0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Fe....0,1	Pb 0,1
Al 0,05	Ga....0,05	Pt 0,1
As 0,1	Ge....0,02	Sb 0,02
Au 0,1	Hg....0,1	Si 0,1
B 0,05	In....0,05	Sn 0,05
Ba 0,1	K 0,1	Sr 0,05
Bi 0,05	Li....0,02	Ti....0,05
Ca 5	Mg 0,1	Tl....0,02
Cd....0,02	Mn 0,02	V 0,05
Co....0,02	Mo 0,02	Zn 0,1
Cr....0,02	Na 0,5	Zr 0,02
Cu....0,02	Ni 0,02	

Order code	Package	Units/Box st.
131147.1611	1000 ml	6
131147.1612	2,5 l	4
131147.1214	5 l	4
131147.0716	25 l	

Acetic Anhydride PRS

$(CH_3CO)_2O$

M: 102,09 CAS: 108-24-7 EINECS: 203-564-8 NC: 2915 24 00 UN: 1715
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H332-H302-H314

1l~1,08kg 1kg~0,93l

SPECIFICATIONS:

Assay (Morpholine Met.)	98 %
Non-volatile matter	0,01 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,005 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141147.1611	1000 ml	6
141147.1612	2,5 l	4
141147.1214	5 l	4
141147.0716	25 l	

Acetic Anhydride, 98% PS

$(CH_3CO)_2O$

M: 102,09 CAS: 108-24-7 EINECS: 203-564-8 NC: 2915 24 00 UN: 1715
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H226-H332-H302-H314

1l~1,08kg 1kg~0,93l

SPECIFICATIONS:

Minimum assay (Morpholine meth.)	98 %

Order code	Package	Units/Box st.
161147.1211	1000 ml	6
161147.1212	2,5 l	4
161147.1214	5 l	4
161147.0716	25 l	
161147.0718	60 l	

Acetoacetic Acid Ethyl Ester

(see Ethyl Acetoacetate)

Acetone (VLSI) EG

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay	99,7 %
Density at 20/4	0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,00001 %
Phosphate (PO_4)	0,00005 %
Acidity	0,2 µeq/g
Alkalinity	0,5 µeq/g
Water (H_2O)	0,3 %
0,5 µm particles	250 /ml

Metals by ICP [µ g/Kg (ppb)]

Ag 10	Co....10	Na 50
Al 50	Cr....10	Ni 10
As 10	Cu....10	Pb 10
Au 10	Fe....50	Sb 10
B 20	Ga....10	Sn 10
Ba 20	K 20	Sr 10
Be 10	Li....10	Ti....10
Bi 10	Mg 20	V 10
Ca 50	Mn 10	Zn 20
Cd....10	Mo 10	Zr 10

Order code	Package	Units/Box st.
871007.1212	2,5 l	4

Acetone (MOS) EG

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay	99,7 %
Density at 20/4	0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,00002 %
Acidity	0,5 µeq/g
Alkalinity	0,5 µeq/g
Water (H_2O)	0,3 %
0,5 µm particles*	1000 /ml

Metals by ICP [µg/Kg (ppb)]

Al 50	Fe....100	Pb 100
As 10	K 100	Sb 10
Au 50	Mg 100	Sn 50
B 100	Mn 50	Ti....50
Ca 100	Na 100	Zn 100
Cr....50	Ni 50	

*Indicative value

Order code	Package	Units/Box st.
861007.1212	2,5 l	4

Acetone (UV-IR-HPLC-GPC) PAI-ACS

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,0003 %
Methanol (G.C.) ..... 0,05 %
2-Propanol (G.C.) ..... 0,05 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0002 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Aldehydes (as HCHO) ..... 0,002 %
Water (H_2O) ..... 0,2 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	329 (Cut off)	330	335	340	345	350-450
A (AU)	1,000	0,824	0,222	0,071	0,022	0,009
T (%)	10	15	60	85	95	98

Fluorescence (as quinine):

λ (nm)	365
ppb	2

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 5,1
Eluotropic value ε°(Al_2O_3) 0,56
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361007.1611	1000 ml	6
361007.1612	2,5 l	4

Acetone (PAR) PAI

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0005 meq/g
Water (H_2O) ..... 0,2 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) ..... p/t.

Order code	Package	Units/Box st.
321007.1611	1000 ml	6
321007.1612	2,5 l	4
321007.1646	4 l	4

Acetone dry (max. 0,01% water) DS

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Ethanol (G.C.) ..... 0,01 %
Methanol (G.C.) ..... 0,05 %
Mesityl oxide (G.C.) ..... 0,05 %
1-Propanol (G.C.) ..... 0,05 %
2-Propanol (G.C.) ..... 0,05 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0002 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0005 meq/g
Aldehydes (as HCHO) ..... 0,005 %
Water (H_2O) ..... 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481007.1611	1000 ml	6

Acetone (Reag. Ph. Eur.) PA-ACS-ISO

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/20 0,790-0,793
Boiling range ..... ≤1,5°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
Ethanol (G.C.) ..... 0,01 %
4-Hydroxy-4-Methyl-2-Pentanone (G.C.) ..... 0,05 %
Methanol (G.C.) ..... 0,05 %
Mesityl oxide (G.C.) ..... 0,05 %
1-Propanol (G.C.) ..... 0,05 %
2-Propanol (G.C.) ..... 0,05 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0002 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0005 meq/g
Aldehydes (as HCHO) ..... 0,002 %
Water (H_2O) ..... 0,2 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131007.1611	1000 ml	6
131007.1211	1000 ml	6
131007.1612	2,5 l	4
131007.1212	2,5 l	4
131007.1214	5 l	4
131007.0716	25 l	
131007.0719	200 l	

Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t.
Density at 20/20	0,790-0,793
Density at 25/25	±0,789

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,004 %
Related substances	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Ethanol (G.C.)	500 ppm
Benzene (G.C.).	2 ppm
Reducing substances to $KMnO_4$	p/t.
Acidity	p/t.
Alkalinity	p/t.
Water (H_2O)	0,3 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141007.1611	1000 ml	6
141007.1211	1000 ml	6
141007.1612	2,5 l	4
141007.1212	2,5 l	4
141007.1214	5 l	4
141007.0716	25 l	
141007.0719	200 l	

Acetone (F.C.C.) ADITIO

extraction solvent for industrial food use

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Assay (C_3H_6O)	99,5-100,5 %
Acidity (as CH_3COOH), not more than	0,002 %
Alkalinity (as NH_3), not more than	10 ppm
Aldehydes (as HCHO), not more than	0,002 %
Density at 20/20, not more than	0,7930
Refractive index n 25/D	1,358-1,360
Distillation range (including 56,1°C)	1°C
Heavy Metals (as Pb), not more than	1 ppm
Methanol, not more than	0,05 %
Non-volatile matter, not more than	10 ppm
Phenols	p/t.
Solubility in water	p/t.
Substances Reducing $KMnO_4$	p/t.
Water, not more than	0,5 %
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm
Specifications Dir. 88/344/CEE, F.C.C. 6	

Order code	Package	Units/Box st.
201007.1214	5 l	4
201007.0716	25 l	

Acetone, 99,5% PS

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,787-0,791
Non-volatile matter	0,002 %
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
161007.1211	1000 ml	6
161007.1212	2,5 l	4
161007.1714	5 l	4
161007.0616	25 l	

Acetone QP

CH_3COCH_3

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,789kg 1kg~1,267l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	0,787-0,791
Acidity	0,008 meq/g
Alkalinity	0,006 meq/g
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
211007.1211	1000 ml	6
211007.1214	5 l	4
211007.0716	25 l	
211007.0717	50 l	
211007.0719	200 l	

Acetone-D6 deuteration degree min. 99,95% (NMR) PAI

CD_3COCD_3

M: 64,12 CAS: 666-52-4 EINECS: 211-563-9 NC: 2845 90 10 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,88kg 1kg~1,14l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,02 %

Order code	Package	Units/Box st.
745839.02130	10 x 0,75 ml	6
745839.1605	10 ml	6

Acetone-D6 deuteration degree min. 99,8% (NMR) PAI

CD_3COCD_3

M: 64,12 CAS: 666-52-4 EINECS: 211-563-9 NC: 2845 90 10 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,88kg 1kg~1,14l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,03 %

Order code	Package	Units/Box st.
745838.02130	10 x 0,75 ml	6
745838.1605	10 ml	6
745838.1606	25 ml	6

Acetone-D6 deuteration degree min. 99,5% (NMR) PAI

CD_3COCD_3

M: 64,12 CAS: 666-52-4 EINECS: 211-563-9 NC: 2845 90 10 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,88kg 1kg~1,14l

SPECIFICATIONS:

Deuteration degree min.	99,5 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,05 %

Order code	Package	Units/Box st.
745837.1605	10 ml	6
745837.1606	25 ml	6

Acetone Chloroform

(see 1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate)

Acetone Dimethylacetal

(see 2,2-Dimethoxypropane)

Acetonitrile (HPLC-hypergradient grade) HIPERPUR

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0001 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,01 %
Suitability for PAH analysis (HPLC fluorescence detection) ..... p/t.
Suitability for pesticide analysis (HPLC UV detection) ..... p/t.
Suitability for fluorescence detection (NIST SRM 1647B) ..... p/t.
UV Spectrum (1cm cell; Ref.: water)

λ (nm)	190	195	200	215	230-400
A (AU)	0,523	0,071	0,018	0,009	0,004
T (%)	30	85	96	98	99

Microfiltered product (0,2 µm) and bottled under argon atmosphere.
Data of interest in HPLC:
UV-Cut off ..... 190 nm
Rohrschneider Polarity 5,8
Eluotropic value ε° (Al_2O_3) 0,65
Sol. H_2O in solv. at 20°C ..... miscible

Order code	Package	Units/Box st.
721881.1611	1000 ml	6
721881.1612	2,5 l	4

Acetonitrile (HPLC-gradient grade) PAI-ACS

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0002 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,02 %
Suitability for gradient elution according to ACS ..... p/t.
Gradient:

λ (nm)	210	254
A (mAU)	1,0	0,5

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	190 (Cut off)	193	195	230-400
A (AU)	1,000	0,222	0,097	0,009
T (%)	10	60	80	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	0,5

Microfiltered product (0,2 µm) and bottled under argon atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 5,8
Eluotropic value E° (Al_2O_3) 0,65
Sol. H_2O in solv. at 20°C ..... miscible

Order code	Package	Units/Box st.
221881.1611	1000 ml	6
221881.1612	2,5 l	4
221881.1646	4 l	4
221881.0314	5 l	4
221881.0515	10 l	
221881.0516	25 l	
221881.0537	30 l	

Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0004 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,02 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	190 (Cut off)	195	200	230-400
A (AU)	1,000	0,155	0,046	0,009
T (%)	10	70	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 µm) and bottled under argon atmosphere.

Order code	Package	Units/Box st.
361881.1611	1000 ml	6
361881.1612	2,5 l	4
361881.0515	10 l	
361881.0537	30 l	

Acetonitrile (HPLC-preparative) PAI

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,05 %
UV Spectrum (1cm cell; Ref.: water)

λ (nm)	210	220	240-400
A (AU)	0,097	0,046	0,009
T (%)	80	90	98

Microfiltered product (0,2 µm) and bottled under argon atmosphere.

Order code	Package	Units/Box st.
261881.1646	4 l	4
261881.0314	5 l	4
261881.0515	10 l	
261881.0316	25 l	
261881.0537	30 l	
261881.0519	200 l	

Acetonitrile (LC-MS) PAI

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Identity	IR p/t.
Density at 20/4	0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0002 %
Acidity	0,0003 meq/g
Alkalinity	0,0001 meq/g
Water (H_2O)	0,01 %
Suitability for LC-MS	p/t.

Gradient:

λ (nm)	210	254
A (mAU)	1	0,2

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	193	195	200	230-400
A (AU)	0,222	0,097	0,046	0,009
T (%)	60	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	0,5

Metals [in mg/Kg (ppm)]

Ag 0,05	Cr 0,02	Na 0,1
Al 0,5	Cu 0,02	Ni 0,02
Ba 0,1	Fe 0,1	Pb 0,1
Ca 0,05	K 0,1	Sn 0,1
Cd 0,05	Mg 0,1	Zn 0,1
Co 0,02	Mn 0,02	

Microfiltered product (0,2 µm) and bottled under argon atmosphere.

Order code	Package	Units/Box st.
701881.1611	1000 ml	6
701881.1612	2,5 l	4

Acetonitrile (PAR) PAI-ACS

for residue analysis

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Acidity	0,0002 meq/g
Alkalinity	0,0001 meq/g
Water (H_2O)	0,02 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol)	p/t.

Order code	Package	Units/Box st.
321881.1612	2,5 l	4

Acetonitrile dry (max. 0,005% water) DS-ACS

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Identity	IR p/t.
Density at 20/4	0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,001 %
Acrylonitrile (G.C.)	0,05 %
Allyl alcohol (G.C.)	0,05 %
Benzene (G.C.)	0,05 %
Propionitrile (G.C.)	0,1 %
Reducing substances to $KMnO_4$	p/t.
Acidity	0,0002 meq/g
Alkalinity	0,0001 meq/g
Water (H_2O)	0,005 %
Hydrogen Cyanide (HCN)	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,05	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481881.1611	1000 ml	6

Acetonitrile (Reag. Ph. Eur.) PA-ACS

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA Colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,001 %
Acrylonitrile (G.C.)	0,05 %
Allyl Alcohol (G.C.)	0,05 %
Benzene (G.C.)	0,05 %
Propionitrile (G.C.)	0,1 %
Reducing substances to $KMnO_4$	p/t.
Acidity	0,0002 meq/g
Alkalinity	0,0001 meq/g
Water (H_2O)	0,1 %
Hydrogen Cyanide (HCN)	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,05	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131881.1611	1000 ml	6
131881.1612	2,5 l	4

Acetonitrile, 99,7% PS

CH_3CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,781kg 1kg~1,280l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,7 %
Identity ..... IR p/t.
Density at 20/4 0,779-0,783
Non-volatile matter ..... 0,003 %
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
161881.1611	1000 ml	6
161881.1612	2,5 l	4
161881.1714	5 l	4
161881.0616	25 l	
161881.0619	200 l	

Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI

CD_3CN

M: 44,05 CAS: 2206-26-0 EINECS: 218-616-5 NC: 2845 90 10 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,84kg 1kg~1,19l

SPECIFICATIONS:

Deuteration degree min. ..... 99,95 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,02 %

Order code	Package	Units/Box st.
745842.02130	10 x 0,75 ml	6

Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI

CD_3CN

M: 44,05 CAS: 2206-26-0 EINECS: 218-616-5 NC: 2845 90 10 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,84kg 1kg~1,19l

SPECIFICATIONS:

Deuteration degree min. ..... 99,8 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745841.02130	10 x 0,75 ml	6
745841.1605	10 ml	6

Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI

CD_3CN

M: 44,05 CAS: 2206-26-0 EINECS: 218-616-5 NC: 2845 90 10 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H332-H312-H302-H319

1l~0,84kg 1kg~1,19l

SPECIFICATIONS:

Deuteration degree min. ..... 99,5 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,05 %

Order code	Package	Units/Box st.
745840.1605	10 ml	6
745840.1606	25 ml	6

Acetophenone (F.C.C.) ADITIO

C_8H_8O

M: 120,15 CAS: 98-86-2 EINECS: 202-708-7 NC: 2914 39 00
Signal Word: Warning



H302-H319

1l~1,03kg 1kg~0,97l

SPECIFICATIONS:

Assay (C_8H_8O) (G.C.), not less than ..... 98,0 %
Solidification Point, not less than ..... 19°C
IR ..... p/t.
Insoluble matter in 50% ethanol ..... p/t.
Chlorinated compounds ..... p/t.
Density 1,025-1,028
Refractive Index 1,533-1,535
Specifications F.C.C. 6

Order code	Package	Units/Box st.
204333.1214	5 l	4
204333.0716	25 l	

Acetophenone, 98% PS

C_8H_8O

M: 120,15 CAS: 98-86-2 EINECS: 202-708-7 NC: 2914 39 00
Signal Word: Warning



H302-H319

1l~1,03kg 1kg~0,97l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 25/4 1,025-1,028
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
164333.1608	100 ml	6
164333.1611	1000 ml	6

Acetophenone-4-Carboxylic Acid

(see 4-Acetylbenzoic Acid)

p-Acetotoluide

(see 4'-Methylacetanilide)

p-Acetotoluidide

(see 4'-Methylacetanilide)

2-Acetoxybenzoic Acid

(see Acetylsalicylic Acid)

4-Acetoxybenzoic Acid, 99% PS

$C_9H_8O_4$

M: 180,16 CAS: 2345-34-8 EINECS: 219-066-9 NC: 2918 22 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 191-194°C

Order code	Package	Units/Box st.
15A668.0914	5 kg	

Acetoxy Bromide

(see Acetyl Bromide)

Acetylacetone

(see 2,4-Pentanedione)

Acetylbenzene

(see Acetophenone)

4-Acetylbenzoic Acid, 98% PS

$C_9H_8O_3$

M: 164,16 CAS: 586-89-0 EINECS: 209-588-5 NC: 2918 30 00

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B992.1603	1 g	6
15B992.1604	5 g	6

Acetyl Bromide, 98% PS

C_2H_3BrO

M: 122,96 CAS: 506-96-7 EINECS: 208-061-7 NC: 2915 90 80 UN: 1716
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



EUH014-H314

1l~1,655kg 1kg~0,604l

SPECIFICATIONS:

Minimum assay ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,650-1,660

Order code	Package	Units/Box st.
15A657.1608	100 ml	6

N-Acetyl-4-Bromoaniline

(see 4-Bromoacetanilide)

1-Acetyl-3-Bromobenzene

(see 3'-Bromoacetophenone)

1-Acetyl-4-Bromobenzene

(see 4'-Bromoacetophenone)

Acetyl Chloride (Reag. USP, Ph. Eur.) PA-ACS

C_2H_3ClO

M: 78,50 CAS: 75-36-5 EINECS: 200-865-6 NC: 2812 10 99 UN: 1717
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H225-EUH014-H314

1l~1,104kg 1kg~0,906l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 1,103-1,105
Boiling range (>94% dist.) ..... 49-53°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20
Insoluble matter in H_2O ..... 0,0025 %
Non-volatile matter ..... 0,005 %
Phosphate (PO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,00001 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
132096.1609	250 ml	6

Acetyl Chloride, 98% PS

C_2H_3ClO

M: 78,50 CAS: 75-36-5 EINECS: 200-865-6 NC: 2812 10 99 UN: 1717
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H225-EUH014-H314

1l~1,104kg 1kg~0,906l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,103-1,105

Order code	Package	Units/Box st.
162096.1610	500 ml	6
162096.1611	1000 ml	6
162096.2216	25 l	

Acetylcholine Chloride (USP) PRS-CODEX

$C_7H_{16}ClNO_2$

M: 181,66 CAS: 60-31-1 EINECS: 200-468-8 NC: 2923 90 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay calc. a.d.s. ..... 98,0-102,0 %
Assay (Arg.) (as Cl) ..... 19,3-19,8 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 149-152°C

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 1,0 %
Residue on ignition ..... 0,2 %
Acidity ..... p/t.
Organic volatile impurities ..... p/t.

Order code	Package	Units/Box st.
145655.1608	100 g	6

Acetylcholine Chloride, 98% PS

$C_7H_{16}ClNO_2$

M: 181,66 CAS: 60-31-1 EINECS: 200-468-8 NC: 2923 90 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
155655.1608	100 g	6
155655.1610	500 g	6

N-Acetyl-L-Cysteine, 98% PS

$C_5H_9NO_3S$

M: 163,19 CAS: 616-91-1 EINECS: 210-498-3 NC: 2930 90 16

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A167.1605	10 g	6
15A167.1607	50 g	6

Acetylene Tetrabromide

(see 1,1,2,2-Tetrabromoethane)

Acetylene Tetrachloride

(see 1,1,2,2-Tetrachloroethane)

2-Acetylmesitylene

(see 2',4',6'-Trimethylacetophenone)

2-Acetyl-6-Methoxynaphthalene, 98% PS

$C_{13}H_{12}O_2$

M: 200,24 CAS: 3900-45-6 EINECS: 223-453-8 NC: 2914 50 00

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B558.1604	5 g	6
15B558.1606	25 g	6

4-Acetylphenol

(see 4-Hydroxyacetophenone)

Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

$CH_3COOC_6H_4COOH$

M: 180,16 CAS: 50-78-2 EINECS: 200-064-1 NC: 2918 22 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,5-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in Na_2CO_3 ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying (P_2O_5) ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Related Substances (HPLC) ..... 0,1 %
Salicylic Acid ($C_7H_6O_3$) ..... 0,05 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,04 %
Heavy metals (as Pb) ..... 0,002 %

Order code	Package	Units/Box st.
141012.1210	500 g	6
141012.1211	1000 g	6
141012.0914	5 kg	

Acetylsalicyloyl Chloride, 98% PS

$C_9H_7ClO_3$

M: 198,61 CAS: 5538-51-2 EINECS: 226-899-1 NC: 2918 23 90 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A140.1604	5 g	6
15A140.1606	25 g	6

Acid Black 1

(see Amido Black 10B)

Acid Blue 1

(see Disulphine Blue)

Acid Blue 9

(see Brilliant Blue FCF)

Acid Blue 22

(see Aniline Blue WS)

Acid Blue 74

(see Indigo Carmine)

Acid Blue 83

(see Coomassie Brilliant Blue R 250)

Acid Blue 90

(see Coomassie Brilliant Blue G 250)

Acid Green 1

(see Naphthol Green B)

Acid Green 50

(see Lissamine Green B)

Acidimetric Liquor titrated RV

for determination of acidity in milk. 1 ml corresponds to 0,01g of lactic acid (=1° Dornic)

NC: 3822 00 00

1l~1,006kg 1kg~0,994l

SPECIFICATIONS:
Sodium Hydroxide.....0,111 mol/l
Titer .....1,000±0,005

Order code	Package	Units/Box st.
281384.1211	1000 ml	6
281384.1212	2,5 l	4
281384.1214	5 l	4

Acidimetric Liquor titrated RV

for determination of oils and fats acidity. 1 ml corresponds to 0,028245 g of oleic acid

NC: 3822 00 00 UN: 1719
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l~1,002kg 1kg~0,998l
Composition:
Potassium Hydroxide 50% w/w.....1,4 g
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
281380.1211	1000 ml	6

Acidimetric Liquor titrated RV

for determination of oils and fats acidity in comercial grades. For 10 g of oil, 1 ml corresponds to 1° of acidity (=0,1 g of oleic acid)

NC: 3822 00 00 UN: 1719
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l~1,010kg 1kg~0,990l
Composition:
Sodium Hydroxide 50% w/w .....2,06 ml
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
281381.1211	1000 ml	6

Acid Orange 7

(see Orange II)

Acid Orange 10

(see Orange G)

Acid Orange 52

(see Methyl Orange)

Acid Red 2

(see Methyl Red)

Acid Red 27

(see Amaranth)

Acid Red 51

(see Erythrosin B)

Acid Red 66

(see Biebrich Scarlet)

Acid Red 87

(see Eosin Yellowish)

Acid Red 91

(see Eosin Bluish)

Acid Red 92

(see Phloxine B)

Acid Red 94

(see Rose Bengal)

Acid Red 112

(see Ponceau S)

Acid Violet 19

(see Fuchsin Acid)

Acid Yellow 23

(see Tartrazine)

Acid Yellow 36

(see Metanil Yellow)

Acid Yellow 73

(see Fluorescein Sodium)

Acridine Orange (C.I. 46005) DC

for microscopy, fluorescent staining

$C_{17}H_{20}ClN_3.½ZnCl_2$

M: 369,94 CAS: 10127-02-3 EINECS: 233-353-6 NC: 3204 13 00
SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in H_2O ..... 489-493 nm
A 1%; 1 cm. λmax.....>950
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C..... 5 %

Order code	Package	Units/Box st.
252321.1605	10 g	6
252321.1606	25 g	6

Acrylamide, 99% PS

C_3H_5NO

M: 71,08 CAS: 79-06-1 EINECS: 201-173-7 NC: 2924 19 00 UN: 2074
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H332-H312-H301-H319-H315-H317-H372-H331-H311-H301-H361f

CE: 616-003-00-0
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity.....IR p/t.
Melting range..... 84-86°C

Order code	Package	Units/Box st.
163309.1208	100 g	6
163309.1210	500 g	6

Acrylic Acid, 99% stabilized with hydroquinone monomethyl ether PS

$C_3H_4O_2$

M: 72,06 CAS: 79-10-7 EINECS: 201-177-9 NC: 2916 11 00 UN: 2218
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H226-H332-H312-H302-H314-H400

1l~1,051kg 1kg~0,951

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,049-1,051
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A673.1610	500 ml	6
15A673.1611	1000 ml	6

Acrylic Acid Methyl Ester

(see Methyl Acrylate)

Acrylic Acid Nitrile

(see Acrylonitrile)

Acrylonitrile, 99% stabilized with hydroquinone mono-methyl ether PS

C_3H_3N

M: 53,06 CAS: 107-13-1 EINECS: 203-466-5 NC: 2926 10 00 UN: 1093
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: P CAO: 303
Signal Word: Danger



H350-H225-H331-H311-H301-H335-H315-H318-H317-H411

l~0,806kg1kg~1,241l

SPECIFICATIONS:

Minimum assay (v/v) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,804-0,808
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
15A701.0308	100 ml	6
15A701.0311	1000 ml	6

Actidione

(see Cycloheximide)

Adamantane, 98% PS

$C_{10}H_{16}$

M: 136,24 CAS: 281-23-2 EINECS: 206-001-4 NC: 2902 19 80

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B669.1606	25 g	6
15B669.1608	100 g	6
15B669.1611	1000 g	6

1-Adamantanol, 99% PS

$C_{10}H_{16}O$

M: 152,24 CAS: 768-95-6 EINECS: 212-202-8 NC: 2906 19 00

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B530.1604	5 g	6
15B530.1606	25 g	6

2-Adamantanone, 98% PS

$C_{10}H_{14}O$

M: 150,22 CAS: 700-58-3 EINECS: 211-847-2 NC: 2914 29 00

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B559.1604	5 g	6
15B559.1606	25 g	6
15B559.1608	100 g	6

Adams Catalyst

(see Platinum(IV) Oxide x-hydrate)

Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX

$(CH_2CH_2COOH)_2$

M: 146,14 CAS: 124-04-9 EINECS: 204-673-3 NC: 2917 12 10
Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. ..... 99,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 151-154°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,05 %
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Nitrate (NO_3) ..... 0,003 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Related substances:
individual ..... 0,1 %
total ..... 0,5 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0002 %
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142342.1211	1000 g	6
142342.0914	5 kg	
142342.0416	25 kg	

Adipic Acid (E-355, F.C.C.) ADITIO

$(CH_2CH_2COOH)_2$

M: 146,14 CAS: 124-04-9 EINECS: 204-673-3 NC: 2917 12 10
Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as $C_6H_{10}O_4$) calc. a.d.s 99,6-101,0%
Heavy metals (as Pb), not more than ..... 10 ppm
Melting range ..... 151,5-154,0°C
Residue on ignition, not more than ..... 0,002 %
Water, not more than ..... 0,2 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 2 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
202342.0914	5 kg	

Adipic Acid, 99% PS

$(CH_2CH_2COOH)_2$

M: 146,14 CAS: 124-04-9 EINECS: 204-673-3 NC: 2917 12 10
Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 150-153°C

Order code	Package	Units/Box st.
152342.1208	100 g	6
152342.1210	500 g	6

Adipic Acid Chloride

(see Adipoyl Chloride)

Agar (prepared for Microbiology)

(see chapter CULTIMED products)

Agar (USP) PRS-CODEX

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 1,0 %
Residue on ignition (as SO_4) a.d.s ..... 6,5 %
Residue on ignition (insol. in acid) a.d.s ..... 0,5 %
Loss on drying at 105°C ..... 20,0 %
Water absorption ..... p/t.
Foreign starch ..... p/t.
Gelatine ..... p/t.
Foreign organic matter ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Heavy metals (as Pb) ..... 0,004 %
Salmonella ..... p/t.
As ..... 0,0003 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141792.1208	100 g P	6
141792.1209	250 g P	6
141792.1211	1000 g P	6
141792.0914	5 kg PP	

Agar (E-406, F.C.C.) ADITIO

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Arsenic (as As), not more than ..... 3 ppm
Ash (Acid-Insoluble) calc. on the dried basis, not more than ..... 0,5 %
Ash (Total) calc. on the dried basis, not more than ..... 6,5 %
Insoluble matter, not more than ..... 1,0 %
Heavy metals (as Pb), not more than ..... 10 ppm
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 20,0 %
Water absorption ..... p/t.
Gelatine and other protein ..... p/t.
Starch ..... p/t.
Cadmium, not more than ..... 1 ppm
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201792.0914	5 kg PP	

Agar, Bacteriological American Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range 1,5% ..... 32-38°C
Melting range 1,5% gel ..... 80-95°C
Gel strength 1,5% (Nikan's Method) ..... 600-850 g/cm²
pH in gel 1,5% 6-7

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 20 %
Residue on ignition (as SO_4) ..... 6 %

Order code	Package	Units/Box st.
402303.1210	500 g P	6
402303.0914	5 kg PP	
402303.0416	25 kg	

Agar, Bacteriological European Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range of 1,5% solution ..... 32-39,5°C
Melting range of 1,5% solution ..... 80-90°C
Gel strength of 1,5 % solution (Nikan's Method) ..... 800-1100 g/cm²
pH in gel of 1,5% solution 6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 5 %

Order code	Package	Units/Box st.
402302.1210	500 g P	6
402302.0914	5 kg PP	
402302.0416	25 kg PP	

Agar, Purified (Ingredient) CULTIMED

for inmunodiffusion, electrophoresis and cell culture

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Melting range 1,5% gel ..... 80-95°C
Gel strength 1,5% (Nikan's Method) ..... 700-1200 g/cm²
pH in gel 1,5% 5,5-7,4
Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 5 %

Order code	Package	Units/Box st.
403904.1210	500 g P	6
403904.0914	5 kg PP	
403904.0416	25 kg	

Agar, Technical (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gel strength 1,5% (Nikan's Method) ..... 700-1100 g/cm²
pH in gel 1,5% 6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 20 %
Residue on ignition (as SO_4) ..... 5 %

Order code	Package	Units/Box st.
401792.1210	500 g P	6
401792.0914	5 kg PP	
401792.0416	25 kg	

Agar Base (prepared for Microbiology)

(see chapter CULTIMED products)

L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$CH_3CH(NH_2)COOH$

M: 89,09 CAS: 56-41-7 EINECS: 200-273-8 NC: 2922 49 95

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
T.L.C. ..... p/t.
Specific rotation $[\alpha]^{20}/D$ c=10 (in HCl 6 mol/l) calc. a.d.s. ..... +13,7 to+15,1°
pH of 5% solution 5,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142043.1208	100 g P	6

L-Alanine (F.C.C.) ADITIO

$CH_3CH(NH_2)COOH$

M: 89,09 CAS: 56-41-7 EINECS: 200-273-8 NC: 2922 49 95

SPECIFICATIONS:

Assay (as $C_3H_7NO_2$) calc. a.d.s 98,5-101,5%
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,3 %
Residue on ignition, not more than ..... 0,2 %
Specific rotation $[\alpha]^{20}/D$ calc. a.d.s. ..... +13,5 to +15,5°
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202043.1210	500 g P	6

L-Alanine, 99% PS

$CH_3CH(NH_2)COOH$

M: 89,09 CAS: 56-41-7 EINECS: 200-273-8 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
162043.1206	25 g P	6
162043.1208	100 g P	6

DL-Alanine PRS

$CH_3CH(NH_2)COOH$

M: 89,09 CAS: 302-72-7 EINECS: 206-126-4 NC: 2922 49 95

SPECIFICATIONS:

Assay (Perchl. Ac.)	99 %
Identity	IR p/t.
Insoluble matter in H_2O	0,05 %
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,02 %
Heavy metals (as Pb)	0,001 %
As	0,00015 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142035.1208	100 g (P)	6
142035.0914	5 kg (PP)	

Alcian Blue 8 GX (C.I. 74240) DC

for histology. Certified by the Biological Stain Comission

$C_{56}H_{68}Cl_4CuN_{16}S_4$

M: 1298,88 CAS: 33864-99-2 EINECS: 278-333-8 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
λ max. ABS in DMSO	675-680 nm
A 1%; 1 cm; λmax	700-1000
Ratio λmax. P±15 nm	0,95-1,05

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	15 %

Order code	Package	Units/Box st.
254584.1604	5 g	6
254584.1606	25 g	6

Alcohol-Acetone 7:3 DC

for microscopy, bleacher according to Gram (see also Kit for Staining Gram-Hucker)

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l~0,795kg 1kg~1,258l

Composition:

Ethanol absolute	70 ml
Acetone	30 ml

Order code	Package	Units/Box st.
251803.1209	250 ml (P)	6
251803.1210	500 ml (P)	6
251803.1211	1000 ml (P)	6

Alcohol Diacetone

(see 4-Hydroxy-4-Methyl-2-Pentanone)

Alcohol:Ether 1:1

(see Ethanol-Diethyl Ether 1:1)

Alcohol-Hydrochloric 8:2 DC

for microscopy, according to Ziehl-Neelsen

NC: 3822 00 00 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H335-H315

1l~0,890kg 1kg~1,124l

Composition:

Ethanol absolute	80 ml
Hydrochloric Acid 35%	20 ml

Order code	Package	Units/Box st.
251804.1210	500 ml (P)	6

Alizarin (C.I. 58000) PA

pH indicator 5,5 yellow; 6,8 red violet

$C_{14}H_8O_4$

M: 240,22 CAS: 72-48-0 EINECS: 200-782-5 NC: 3212 90 90

SPECIFICATIONS:

Identity	IR p/t.
λ_1 of max. ABS in NaOH 0,1 mol/l	564-568 nm
λ_2 of max. ABS in NaOH 0,1 mol/l	605-609 nm
A 1%, 1cm, λ_1 max	>625
A 1%, 1cm, λ_2 max	>525
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:	
yellow	5,5
red-violet	6,8
Insoluble matter in CH_3OH	p/t.
Loss on drying at 135°C	5 %
Sensitivity as Al reagent	p/t.

Order code	Package	Units/Box st.
121094.1606	25 g	6

Alizarin solution 0,1% RV

pH indicator 5,5 yellow; 6,8 red violet

$C_{14}H_8O_4$

M: 240,22 CAS: 72-48-0 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,868kg 1kg~1,152l

Composition:

Alizarin	0,1 g
Ethanol absolute	74 ml
Water s.q.m	100 ml

Order code	Package	Units/Box st.
281095.1208	100 ml (P)	6

Alizarin Complexone

(see Alizarin-3-Methylamine-N,N-Diacetic Acid)

Alizarin-3-Methylamine-N,N-Diacetic Acid (Reag. Ph. Eur.) PA

for complexometry

$C_{19}H_{15}NO_8$

M: 385,33 CAS: 3952-78-1 EINECS: 223-544-2 NC: 2922 50 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS at pH 5,1	421-429 nm
A 1%, 1cm, λmax	>110
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH	p/t.
Loss on drying at 135°C	5 %
Sensitivity as Fluoride reagent	p/t.
Sensitivity as complexometric indicator.	p/t.

Order code	Package	Units/Box st.
122619.1603	1 g	6

Alizarin Red S (C.I. 58005) PA

pH and adsorption indicator 3,7 yellow; 5,2 purple red

$C_{14}H_7NaO_7S$

M: 342,26 CAS: 130-22-3 EINECS: 204-981-8 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
λ_1 of max. ABS in NaOH 0,1 mol/l	553-558 nm
λ_2 of max. ABS in NaOH 0,1 mol/l	592-596 nm
T.L.C.	p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:	
yellow	3,7
red-purple	5,2
Insoluble matter in H_2O	p/t.
Loss on drying at 135°C	5 %
Sensitivity as Al reagent	p/t.

Order code	Package	Units/Box st.
121605.1605	10 g	6
121605.1607	50 g	6

Alizarinsulphonic Acid Sodium Salt

(see Alizarin Red S)

Alizarin Yellow GG (C.I. 14025) PA

pH indicator 10,0 light yellow; 12,0 grizzly yellow
$C_{13}H_8N_3NaO_5$
M: 309,22 CAS: 584-42-9 EINECS: 209-536-1 NC: 3204 16 00
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 447-454 nm
A 1%, 1 cm, λmax ..... >725
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
Light yellow 10,0
Grizzly yellow 12,0
Insoluble matter in H_2O ..... p/t.
Loss on drying at 135°C ..... 5 %

Order code	Package	Units/Box st.
121105.1605	10 g	6

Alizarin Yellow R (C.I. 14030) PA

pH indicator 1,9 red- 3,3 yellow; 10,1 yellow- 12,1 orange red
$C_{13}H_8N_3NaO_5$
M: 309,22 CAS: 2243-76-7 EINECS: 218-818-3 NC: 3204 16 00
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 490-496 nm
A 1%, 1 cm, λmax ..... >725
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
Yellow 10,1
Orange-red 12,1
Insoluble matter in H_2O ..... p/t.
Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
121106.1605	10 g	6

Alkaline Solution (Potassium Sodium Tartrate) 0,886 mol/l VINIKIT

for determination of reducing sugar in wine, according to Rebelein method (see also Rebelein's Kit)
NC: 3822 00 00 UN: 3266
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~1,188kg 1kg~0,842l
Composition:
Sodium Hydroxide solution 50% w/w ..... 110 ml
Potassium Sodium Tartrate 4-hydrate ..... 250 g
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
624573.1209	250 ml	6

Alkylbenzyldimethylammonium Chloride (USP-NF) CODEX

M: 354,0-360,0 CAS: 8001-54-5 EINECS: 264-151-6 NC: 3402 12 00
UN: 3259 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger


H312-H302-H314-H400

SPECIFICATIONS:
Assay (Iodom.) calc. a.a.s. ..... 97,0-103,0 %
Identity according to Pharmacopoeias ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Residue on ignition ..... 2,0 %
Limit of foreign amines ..... p/t.
Water (H_2O) ..... 15,0 %
Ratio of alkyl components ..... p/t.

Order code	Package	Units/Box st.
191959.1211	1000 g	6

Alkylbenzyldimethylammonium Chloride, 98% PS

M: 354,0-360,0 CAS: 8001-54-5 EINECS: 264-151-6 NC: 3402 12 00
UN: 3259 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger


H312-H302-H314-H400

SPECIFICATIONS:
Minimum assay (Iodom.) calc. a.d.s ..... 98 %
Identity ..... IR p/t.
Melting range ..... 29-34°C
Water (H_2O) ..... 1-6 %

Order code	Package	Units/Box st.
161959.1210	500 g	6
161959.1211	1000 g	6

Alkylbenzyldimethylammonium Chloride QP

M: 354,0-360,0 CAS: 8001-54-5 EINECS: 264-151-6 NC: 3402 12 00
UN: 3259 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger


H312-H302-H314-H400

SPECIFICATIONS:
Assay (Iodom.) ..... 97-103 %
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 1 %
Water (H_2O) ..... 5 %

Order code	Package	Units/Box st.
211959.1208	100 g	6
211959.1210	500 g	6
211959.0914	5 kg	

Allantoin (BP, Ph. Eur.) PRS-CODEX

$C_4H_6N_4O_3$
M: 158,12 CAS: 97-59-6 EINECS: 202-592-8 NC: 2933 21 00
SPECIFICATIONS:
Assay (Acidim.) calc a.d.s. 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
Specific rotation [α] 20/D c=0,5 (in H_2O) ..... -0,10 to +0,10°
pH of 0,5% solution 4,0-6,0
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 0,1 %
Residue on ignition (as SO_4) ..... 0,1 %
Acidity or alkalinity ..... p/t.
Related substances ..... p/t.
Reducing substances ..... p/t.
Chloride (Cl) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %

Order code	Package	Units/Box st.
145265.1211	1000 g	6
145265.0416	25 kg	

Allantoin, 98% PS

$C_4H_6N_4O_3$
M: 158,12 CAS: 97-59-6 EINECS: 202-592-8 NC: 2933 21 00
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
155265.1608	100 g	6
155265.1610	500 g	6

Allyl Alcohol, 99% PS

C_3H_6O
M: 58,08 CAS: 107-18-6 EINECS: 203-470-7 NC: 2905 29 10 UN: 1098
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1 PAX: P CAO: P
Signal Word: Danger


H225-H331-H311-H301-H319-H335-H315-H400

CE: 603-015-00-6
1l~0,852kg 1kg~1,173l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,851-0,853
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15A703.1611	1000 ml	6

4-Allylanisole, 98% PS

$C_{10}H_{12}O$

M: 148,21 CAS: 140-67-0 EINECS: 205-427-8 NC: 2909 30 90

Signal Word: Warning



H302-H319-H315

1l~0,965kg 1kg~1,036l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A643.1608	100 ml	6

Allylmagnesium Chloride 2M in THF PS

C_3H_5ClMg

M: 100,84 CAS: 2622-05-1 EINECS: 220-067-1 NC: 2931 00 95 UN: 3399

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/- PAX: P CAO: P

Signal Word: Danger



H225-EUH014-H261-H314

1l~0,995kg 1kg~1,005l

Order code	Package	Units/Box st.
15A188.1608	100 ml	6
15A188.1610	500 ml	6

N-Allylthiourea, 98% PS

$C_4H_8N_2S$

M: 116,19 CAS: 109-57-9 EINECS: 203-683-5 NC: 2930 90 85 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301

SPECIFICATIONS:

Minimum assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 70-73 °C

Order code	Package	Units/Box st.
15A833.1207	50 g	6
15A833.1209	250 g	6

AlphaNitroso-BetaNaphtol

(see 1-Nitroso-2-Naphtol)

Alumina

(see Aluminium Oxide Basic)

Aluminium metal, powder PRS

Al

M: 26,98 CAS: 7429-90-5 EINECS: 231-072-3 NC: 7601 10 00 UN: 1396

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417

Signal Word: Danger



H228-H260

SPECIFICATIONS:

Nitrogen compounds (as N) ..... 0,005 %
Fats ..... 1 %
Cu ..... 0,05 %
Fe ..... 1,0 %

Order code	Package	Units/Box st.
141098.1609	250 g	6
141098.1611	1000 g	6
141098.0914	5 kg	

ALUMINIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Aluminium Ammonium Sulphate 12-hydrate PA-ACS

$NH_4Al(SO_4)_2.12H_2O$

M: 453,33 CAS: 7784-26-1 EINECS: 232-055-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.) 99,0-102,0%
pH of 5% solution ..... ≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 300°C ..... 48 %
Alkali and alkaline-earth salts ..... 0,3 %
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,0025 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00005 %
Ca ..... 0,05 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
K ..... 0,05 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
131102.1210	500 g	6
131102.1211	1000 g	6
131102.1214	5 kg	4
131102.0416	25 kg	

Aluminium Ammonium Sulphate 12-hydrate (USP) PRS-CODEX

$NH_4Al(SO_4)_2.12H_2O$

M: 453,33 CAS: 7784-26-1 EINECS: 232-055-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.) calc. a.d.s 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution ..... ≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,02 %
Loss on drying at 300°C ..... 45,0-48,0 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Alkali and alkaline-earth salts ..... 0,5 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0002 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141102.1210	500 g	6
141102.1211	1000 g	6
141102.1214	5 kg	4
141102.0416	25 kg	

Aluminium Chloride anhydrous, 98% PS

$AlCl_3$

M: 133,34 CAS: 7446-70-0 EINECS: 231-208-1 NC: 2827 32 00 UN: 1726

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Arg.) ..... 98 %

Order code	Package	Units/Box st.
15A709.1608	100 g	6
15A709.1610	500 g	6

Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$AlCl_3.6H_2O$

M: 241,45 CAS: 7784-13-6 EINECS: 231-208-1 NC: 2827 32 00

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Compl.) 95,0-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,02 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Sulphate (SO_4) ..... 0,01 %
Ammonium (NH_4) ..... 0,05 %
Water (H_2O) ..... 42,0-48,0 %
Alkali and alkaline-earth metals ..... 0,5 %
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0003 %
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141097.1210	500 g P	6
141097.1211	1000 g P	6
141097.0914	5 kg PP	
141097.0416	25 kg PP	

Aluminium Hydroxide PRS

$Al(OH)_3$

M: 78,00 CAS: 21645-51-2 EINECS: 244-492-7 NC: 2818 30 00

SPECIFICATIONS:

Assay (Compl.) ..... 90 %
Loss on ignition ..... 32-35 %
As ..... 0,0003 %
Cu ..... 0,002 %
Fe ..... 0,01 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141812.1209	250 g P	6
141812.1211	1000 g P	6
141812.0914	5 kg PP	
141812.0416	25 kg	

Aluminium Hydroxide Silicate

(see Aluminium Silicate)

Aluminium Isopropylate, 98% PS

$C_9H_{21}AlO_3$

M: 204,25 CAS: 555-31-7 EINECS: 209-090-8 NC: 2905 19 00 UN: 3181
IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417

Signal Word: Danger



H228

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A314.1604	5 g	6
15A314.1608	100 g	6
15A314.1610	500 g	6

Aluminium Isopropoxide

(see Aluminium Isopropylate)

Aluminium Lithium Hydride

(see Lithium Aluminium Hydride)

Aluminium Nitrate 9-hydrate (Reag. Ph. Eur.) PA-ACS

$Al(NO_3)_3.9H_2O$

M: 375,13 CAS: 7784-27-2 EINECS: 236-751-8 NC: 2834 29 80 UN: 1438
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%
pH of 5% solution ..... ≥2,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,005 %
Ammonium (NH_4) ..... 0,03 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,002 %
K ..... 0,002 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131099.1210	500 g P	6
131099.1211	1000 g P	6

Aluminium Nitrate 9-hydrate PRS

$Al(NO_3)_3.9H_2O$

M: 375,13 CAS: 7784-27-2 EINECS: 236-751-8 NC: 2834 29 80 UN: 1438
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%
pH of 5% solution 2,5-3,5
Insoluble matter in H_2O ..... 0,02 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Ammonium (NH_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,02 %
Cu ..... 0,001 %
Fe ..... 0,01 %
K ..... 0,05 %
Mg ..... 0,005 %
Na ..... 0,01 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141099.1210	500 g P	6
141099.1211	1000 g P	6
141099.0914	5 kg PP	

Aluminium Nitrate/Cesium Chloride Buffer Solution

(see Buffer Solution Aluminium Nitrate/Cesium Chloride)

Aluminium Oxide Basic (Reag. Ph. Eur.) PA

for chromatography in column

Al_2O_3

M: 101,96 CAS: 1344-28-1 EINECS: 215-691-6 NC: 2818 20 00

SPECIFICATIONS:

pH of aqueous suspension 9-10

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition ..... 8 %
Adsorption power ..... p/t.
Soluble matter in water ..... 0,5 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
121100.1210	500 g P	6
121100.1211	1000 g P	6

Aluminium Potassium Sulphate dry, powder QP

$AlK(SO_4)_2$

M: 258,24 CAS: 10043-67-1 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay [as $AlK(SO_4)_2$(Compl.)]	70 %
pH of 5% solution	3,0-3,5
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,1 %
Ammonium (NH_4)	0,03 %
As	0,0002 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211087.1214	5 kg (P)	4
211087.0416	25 kg (PP)	

Aluminium Potassium Sulphate 12-hydrate PA-ACS

$AlK(SO_4)_2.12H_2O$

M: 474,39 CAS: 7784-24-9 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%
pH of 5% solution	≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,0005 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mn	0,0005 %
Na	0,02 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131103.1210	500 g (P)	6
131103.1211	1000 g (P)	6
131103.1214	5 kg (P)	4
131103.0416	25 kg (PP)	

Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$AlK(SO_4)_2.12H_2O$

M: 474,39 CAS: 7784-24-9 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.)	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 10% solution	3,0-3,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying at 400°C	43,0-46,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,01 %
Ammonium (NH_4)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141103.1210	500 g (P)	6
141103.1211	1000 g (P)	6
141103.1214	5 kg (P)	4
141103.0416	25 kg (PP)	

Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO

$AlK(SO_4)_2.12H_2O$

M: 474,39 CAS: 7784-24-9 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (as $AlK(SO_4)_2.12H_2O$)	99,5-100,5%
pH of 5% solution	3,0-4,0
Ammonium Salts	p/t.
Fluoride, not more than	0,003 %
Selenium, not more than	0,003 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	3 ppm

Specifications Dir. 2008/84/CE , F.C.C. 6

Order code	Package	Units/Box st.
201103.1214	5 kg (P)	4
201103.0416	25 kg (PP)	

Aluminium Silicate QP

CAS: 1318-74-7 EINECS: 215-286-4 NC: 2507 00 20

SPECIFICATIONS:

Assay (as SiO_2)	48 %
Loss on drying at 110°C	1 %

Order code	Package	Units/Box st.
211149.1208	100 g (P)	6
211149.1211	1000 g (P)	6

Aluminium Sulphate 18-hydrate PA-ACS

$Al_2(SO_4)_3.18H_2O$

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

SPECIFICATIONS:

Assay	98,0-102,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0,01 %
Appearance and colour of solution	0,005 %
Heavy metals (as Pb)	0,001 %
Ca	0,01 %
Fe	0,002 %
K	0,005 %
Mg	0,002 %
Na	0,02 %

Order code	Package	Units/Box st.
131101.1209	250 g (P)	6
131101.1211	1000 g (P)	6
131101.0914	5 kg (PP)	4
131101.0416	25 kg (PP)	

Aluminium Sulphate 18-hydrate PRS

$Al_2(SO_4)_3.18H_2O$

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

SPECIFICATIONS:

Assay (Compl.) ($Al_2(SO_4)_3$)	51,0-59,0 %
pH of 2% solution	2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Alkali and alkaline-earth salts	0,4 %
Chloride (Cl)	0,05 %
Ammonium (NH_4)	0,05 %
Heavy metals (as Pb)	0,004 %
As	0,0003 %
Cu	0,002 %
Fe	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141101.1210	500 g (P)	6
141101.1211	1000 g (P)	6
141101.0914	5 kg (PP)	
141101.0416	25 kg (PP)	

Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX

$Al_2(SO_4)_3.18H_2O$

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

SPECIFICATIONS:

Assay (Compl.) ($Al_2(SO_4)_3$)	51,0-59,0 %
Identity according to Pharmacopoeias	p/t.
pH of 2% solution	2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Alkali and alkaline-earth salts	0,4 %
Chloride (Cl)	0,05 %
Ammonium (NH_4)	0,05 %
Heavy metals (as Pb)	0,004 %
As	0,0003 %
Cu	0,002 %
Fe	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
191101.1210	500 g (P)	6
191101.1211	1000 g (P)	6
191101.0914	5 kg (PP)	
191101.0416	25 kg (PP)	

Aluminium Sulphate 0,9 mol/l RV

ionic strength adjustor

$Al_2(SO_4)_3.18H_2O$

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

1l~1,305kg 1kg~0,766l

Composition:

Aluminium Sulphate 18-hydrate	60,0 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
285316.1209	250 ml (P)	6

Aluminium Trichloride

(see Aluminium Chloride)

Alum Iron Ammonium saturated solution RV

indicator for determination of chloride according to Volhard
$NH_4Fe(SO_4)_2 \cdot 12H_2O$

M: 482,19 CAS: 7783-83-7 EINECS: 233-382-4 NC: 2833 30 00

1l~1,178kg 1kg~0,849l

Composition:
Ammonium Iron(III) Sulphate 12-hydrate.....50 g
Sulphuric Acid 96%.....0,1 ml
Water s.q.m.....100 ml

Order code	Package	Units/Box st.
281366.1209	250 ml	6

Amaranth (C.I. 16185) (Reag. USP) PA

$C_{20}H_{11}N_2Na_3O_{10}S_3$

M: 604,48 CAS: 915-67-3 EINECS: 213-022-2 NC: 3204 12 00

SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in H_2O.....520-522 nm
A 1%, 1 cm, λmax.....300-500
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
124886.1606	25 g	6

Amido Black 10B (C.I. 20470) (Reag. Ph. Eur.) PA

redox indicator
$C_{22}H_{14}N_6Na_2O_9S_2$

M: 616,50 CAS: 1064-48-8 EINECS: 213-903-1 NC: 3204 12 00

SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in H_2O.....614-620 nm
A 1%, 1 cm, λmax.....>625
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C.....12 %

Order code	Package	Units/Box st.
122036.1606	25 g	6

Amido Black 10B (C.I. 20470) DC

for electrophoresis
$C_{22}H_{14}N_6Na_2O_9S_2$

M: 616,50 CAS: 1064-48-8 EINECS: 213-903-1 NC: 3204 12 00

SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in H_2O.....614-620 nm
A 1%, 1 cm, λmax.....>625
Ratio λmax, P± 15 nm.....1,04-1,12
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C.....12 %

Order code	Package	Units/Box st.
252036.1606	25 g	6
252036.1608	100 g	6

Amido Black 10B Solution for the determination of protein content in milk PA

according to NF V 04-216 and ISO 5542:1984

NC: 3822 00 00

1l~1,007kg 1kg~0,993l

SPECIFICATIONS:
pH at 20°C.....2,30-2,50
ABS at λ 620 nm 1% solution in H_2O.....0,705-0,725

Order code	Package	Units/Box st.
126352.1214	5 l	4

Amidosulphonic Acid

(see Sulphamic Acid)

Aminoacetic Acid

(see Glycine)

4-Aminoantipyrine, 98% PS

$C_{11}H_{13}N_3O$

M: 203,25 CAS: 83-07-8 EINECS: 201-452-3 NC: 2933 11 90

Signal Word: Warning



H302

SPECIFICATIONS:
Assay.....98 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15A371.1208	100 g	6
15A371.1210	500 g	6

3'-Aminobenzanilide, 99% PS

$C_{13}H_{12}N_2O$

M: 212,25 CAS: 16091-26-2 EINECS: 240-254-1 NC: 2924 29 95

SPECIFICATIONS:
Minimum assay (G.C.).....99 %
Identity.....IR p/t.
Melting range.....124-126°C

Order code	Package	Units/Box st.
15A641.1603	1 g	6
15A641.1605	10 g	6

4-Aminobenzenesulphonic Acid

(see Sulphanilic Acid)

2-Aminobenzoic Acid (Anthranilic Acid) (Reag. Ph. Eur.) PA

$C_7H_7NO_2$

M: 137,14 CAS: 118-92-3 EINECS: 204-287-5 NC: 2922 43 00

Signal Word: Warning



H319

SPECIFICATIONS:
Minimum assay (Acidim.).....99,5 %
Identity.....IR p/t.
Melting range.....144-147°C

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_2H_5OH.....0,02 %
Loss on drying at 105°C.....1 %
Residue on ignition (as SO_4).....0,1 %
Chloride (Cl).....0,05 %
Sulphate (SO_4).....0,01 %
Cu.....0,001 %
Fe.....0,001 %
Ni.....0,001 %
Pb.....0,001 %

Order code	Package	Units/Box st.
122645.1208	100 g	6

2-Aminobenzoic Acid, 99% (Anthranilic Acid) PS

$C_7H_7NO_2$

M: 137,14 CAS: 118-92-3 EINECS: 204-287-5 NC: 2922 43 00

Signal Word: Warning



H319

SPECIFICATIONS:
Minimum assay (G.C.).....99 %
Identity.....IR p/t.
Melting range.....144-147°C

Order code	Package	Units/Box st.
162645.1208	100 g	6
162645.1210	500 g	6

4-Aminobenzoic Acid, 99% PS

$C_7H_7NO_2$

M: 137,13 CAS: 150-13-0 EINECS: 205-753-0 NC: 2922 49 95

SPECIFICATIONS:
Assay.....99 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15B626.1209	250 g	6
15B626.1211	1000 g	6

2-Aminobenzothiazole, 97% PS

$C_7H_6N_2S$

M: 150,20 CAS: 136-95-8 EINECS: 205-268-4 NC: 2934 20 80

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B571.1208	100 g (P)	6

S(+)-2-Amino-1-Butanol, 98% PS

$CH_3CH_2CH(NH_2)CH_2OH$

M: 89,14 CAS: 5856-62-2 EINECS: 202-488-2 NC: 2922 19 80 UN: 2735

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H314

1l~0,94kg 1kg~1,06l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B747.1603	1 ml	6
15B747.1604	5 ml	6

S-2-Aminobutyramide Hydrochloride

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

6-Aminocaproic Acid

(see 6-Aminohexanoic Acid)

2-Amino-5-Chlorobenzoic Acid, 98% PS

$C_7H_6ClNO_2$

M: 171,58 CAS: 635-21-2 EINECS: 211-230-8 NC: 2922 49 95

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B564.1604	5 g	6
15B564.1206	25 g (P)	6

2-Amino-6-Chloropurine, 99% PS

$C_5H_4ClN_5$

M: 169,57 CAS: 10310-21-1 EINECS: 233-686-7 NC: 2933 59 95

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B568.1604	5 g	6

2-Amino-2',5-Dichlorobenzophenone, 99% PS

$C_{13}H_9Cl_2NO$

M: 266,13 CAS: 2958-36-3 EINECS: 220-985-2 NC: 2922 39 00

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B560.1205	10 g (P)	6
15B560.1207	50 g (P)	6

1-Amino-2,4-Difluorobenzene

(see 2,4-Difluoroaniline)

2-Aminoethanesulphonic Acid

(see Taurine)

2-Aminoethanol

(see Ethanolamine)

2-Amino-5-Fluorobenzoic Acid, 97% PS

$C_7H_6FNO_2$

M: 155,12 CAS: 446-08-2 EINECS: 207-159-7 NC: 2922 49 95

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B565.1503	1 g	6
15B565.1604	5 g	6

2-Aminoglutaric Acid

(see Glutamic Acid)

2(S)-Amino-5-Guanidinovaleric Acid

(see L-Arginine)

2-Amino-5-Guanidinopentanoic Acid

(see Arginine)

6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{13}NO_2$

M: 131,18 CAS: 60-32-2 EINECS: 200-469-3 NC: 2922 49 95

SPECIFICATIONS:

Assay (Percl. Ac.) calc. a.d.s. ..... 98,5-101,0 %
Identity according to Pharmacopoeias ..... p/t.
pH of 20% solution 7,5-8,0
T.L.C. ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Absorbance ..... p/t.
Heavy metals (as Pb) ..... 0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
14B764.1210	500 g (P)	6

6-Aminohexanoic Acid, 99% PS

$C_6H_{13}NO_2$

M: 131,18 CAS: 60-32-2 EINECS: 200-469-3 NC: 2922 49 95

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B764.1208	100 g (P)	6
15B764.1210	500 g (P)	6

2-Amino-1-Hydroxybenzene

(see 2-Aminophenol)

4-Amino-1-Hydroxybenzene

(see 4-Aminophenol)

5-Amino-2-Hydroxybenzoic Acid, 97% PS

$C_7H_7NO_3$

M: 153,14 CAS: 89-57-6 EINECS: 201-919-1 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A672.1208	100 g (P)	6
15A672.1210	500 g (P)	6

2-Amino-3-Hydroxybutyric Acid

(see Threonine)

2-Amino-2-Hydroxymethyl-1,3-Propanediol

(see Tris (Hydroxymethyl) Aminomethane)

1-Amino-2-Hydroxy-4-Naphthalenesulphonic Acid

(see 1-Amino-2-Naphthol-4-Sulphonic Acid)

(S)-2-Amino-3-(4-Hydroxyphenyl) Propionic Acid

(see L-Tyrosine)

2-Amino-3-Hydroxypropionic Acid

(see Serine)

2-Amino-3-(3-Indolyl) Propionic Acid

(see Tryptophan)

1-Amino-2-Iodobenzene

(see 2-Iodoaniline)

1-Amino-4-Iodobenzene

(see 4-Iodoaniline)

β-Amino Isobutyl Alcohol

(see 2-Amino-2-Methyl-1-Propanol)

2-Amino-3-Mercaptopropionic Acid

(see L-Cysteine)

Aminomethane
(see Methylamine)

2-Amino-6-Methoxybenzothiazole, 98% PS
$C_8H_8N_2OS$
M: 180,22 CAS: 1747-60-0 EINECS: 217-130-0 NC: 2934 20 80
Signal Word: Warning

H302

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B569.1606	25 g	6
15B569.1608	100 g	6

3-Aminomethylalizarin-N,N-Diacetic Acid
(see Alizarin-3-Methylamine-N,N-Diacetic Acid)

2-Amino-3-Methylbutyric Acid
(see Valine)

Aminomethylcyclopropane
(see Cyclopropylmethylamine)

2-Amino-4-(Methylmercapto)butyric Acid
(see Methionine)

(2S, 3S)-2-Amino-3-Methylpentanoic Acid
(see L-Isoleucine)

2(S)-Amino-4-Methylpentanoic Acid
(see L-Leucine)

2-Amino-2-Methylpropane
(see tert-Butylamine)

2-Amino-2-Methyl-1-Propanol, 95% PS
$C_4H_{11}NO$
M: 89,14 CAS: 124-68-5 EINECS: 204-709-8 NC: 2922 19 80
Signal Word: Warning

H319-H315-H412

1l~0,93kg 1kg~1,08l
SPECIFICATIONS:
Assay ..... ~95 %
Identity ..... IR p/t.
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
15A625.1610	500 ml	6
15A625.1611	1000 ml	6
15A625.1214	5 l	4

2-Amino-6-Methylpyridine, 98% PS
$C_6H_8N_2$
M: 108,14 CAS: 1824-81-3 EINECS: 217-360-1 NC: 2933 39 99 UN: 3143
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger


H301-H319-H335-H315

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A348.1604	5 g	6
15A348.1608	100 g	6
15A348.1610	500 g	6

1-Aminonaphthalene
(see 1-Naphthylamine)

1-Amino-2-Naphthol-4-Sulphonic Acid (Reag. USP) PA-ACS
for determination of phosphorus
$C_{10}H_9NO_4S$
M: 239,25 CAS: 116-63-2 EINECS: 204-147-3 NC: 2922 21 00
SPECIFICATIONS:
Minimum assay (Acidim.) ..... 98,0 %
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in Na_2CO_3 ..... p/t.
Residue on ignition ..... 0,1 %
Sulphate (SO_4) ..... 0,2 %
Sensitivity to phosphate ..... p/t.

Order code	Package	Units/Box st.
132670.1206	25 g	6

2-Amino-5-Nitrobenzoic Acid, 97% PS
$C_7H_6N_2O_4$
M: 182,14 CAS: 616-79-5 EINECS: 210-493-6 NC: 2922 49 95
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Minimum assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A661.1604	5 g	6
15A661.1606	25 g	6

2-Amino-4-Nitrophenol, 98% PS
$C_6H_6N_2O_3$
M: 154,12 CAS: 99-57-0 EINECS: 202-767-9 NC: 2922 29 00
Signal Word: Warning


H319-H335-H315-H351-H341

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B563.1605	10 g	6
15B563.1608	100 g	6

2-Amino-5-Nitrothiazole, 97% PS
$C_3H_3N_3O_2S$
M: 145,13 CAS: 121-66-4 EINECS: 204-490-9 NC: 2934 10 00
Signal Word: Warning


H332-H312-H302-H351

SPECIFICATIONS:
Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A109.1606	25 g	6
15A109.1608	100 g	6

2-Amino-5-Nitrotoluene
(see 2-Methyl-4-Nitroaniline)

2-Aminophenol, 98% PS
C_6H_7NO
M: 109,13 CAS: 95-55-6 EINECS: 202-431-1 NC: 2922 29 00 UN: 2512
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H302-H341

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A507.1608	100 g	6
15A507.1610	500 g	6

4-Aminophenol, 98% PS
C_6H_7NO
M: 109,12 CAS: 123-30-8 EINECS: 204-616-2 NC: 2922 29 00 UN: 2512
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H302-H410-H341

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A475.1609	250 g	6
15A475.1611	1000 g	6

N-(3-Aminophenyl) Benzamide
(see 3'-Aminobenzanilide)

2-Amino-6-Picoline
(see 2-Amino-6-Methylpyridine)

2-Aminopropionic Acid
(see Alanine)

2-Aminopyridine, 98% PS
$C_5H_6N_2$
M: 94,12 CAS: 504-29-0 EINECS: 207-988-4 NC: 2921 59 90 UN: 2671
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A926.1608	100 g	6
15A926.1610	500 g	6

5-Aminoquinoline, 98% PS
$C_9H_8N_2$
M: 144,18 CAS: 611-34-7 EINECS: 210-266-1 NC: 2933 49 90
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A441.1603	1 g	6
15A441.1604	5 g	6

5-Aminosalicylic Acid
(see 5-Amino-2-Hydroxybenzoic Acid)

D,L-2-Aminosuberic Acid
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(R)-2-Aminosuberic Acid
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-2-Aminosuberic Acid
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-Boc-2-Aminosuberic Acid
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-Fmoc-2-Aminosuberic Acid
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Fmoc-L-2-Aminosuberic Acid, 8-tert-Butyl Ester
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

2-Aminosuccinic Acid
(see Aspartic Acid)

2-Aminosuccinic Acid 4-Amide
(see Asparagine)

2-Aminotoluene
(see o-Toluidine)

4-Aminotoluene
(see p-Toluidine)

(R)- 2-Amino-1,1,2-Triphenylethanol
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)- 2-Amino-1,1,2-Triphenylethanol
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

N-Aminourea Hydrochloride
(see Semicarbazide Hydrochloride)

Ammonia 30% (as NH_3) PA-ACS
NH_3
M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314-H400

1l~0,897kg 1kg~1,115l

SPECIFICATIONS:
Assay (Acidim.) ..... 28,0-30,0 %*
Density at 20/4 ..... 0,892-0,898*

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,002 %
Residue on ignition ..... 0,002 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0008 %
Pyridine and homologues ..... 0,0002 %
Carbonate (as CO_2) ..... 0,002 %
Sulphur compounds (as SO_4) ..... 0,0002 %
Chloride (Cl) ..... 0,00005 %
Phosphate (PO_4) ..... 0,0001 %
Nitrate (NO_3) ..... 0,0002 %
Sulphide (S) ..... 0,00001 %
Heavy metals (as Pb) ..... 0,00005 %
As ..... 0,000005 %

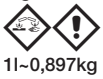
Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Ga 0,05	Sb 0,02
Al 0,1	Ge 0,02	Si 0,2
Au 0,1	Hg 0,1	Sn 0,05
B 0,5	In 0,05	Sr 1
Ba 0,1	K 1	Ti 0,05
Be 0,1	Li 0,02	Tl 0,02
Bi 0,05	Mg 0,5	V 0,02
Ca 1	Mn 0,1	Zn 0,1
Cd 0,1	Mo 0,02	Zr 0,05
Co 0,1	Na 2	
Cr 0,05	Ni 0,05	
Cu 0,1	Pb 0,05	
Fe 0,1	Pt 0,1	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
131130.1611	1000 ml	6
131130.1612	2,5 l	4
131130.1214	5 l	4
131130.0716	25 l	
131130.0718	60 l	
131130.0719	200 l	

Ammonia 30% (as NH_3) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX
NH_3
M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314-H400

1l~0,897kg 1kg~1,115l

SPECIFICATIONS:
Assay (Acidim.) ..... 27,0-30,0 %*
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 ..... 0,892-0,901*

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,002 %
Residue on ignition ..... 0,01 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Reducing substances to $KMnO_4$ ..... p/t.
Pyridine and homologues (as C_6H_5N) ..... 0,0002 %
Carbonate (as CO_3) ..... 0,005 %
Sulphur compounds (as SO_4) ..... 0,0005 %
Chloride (Cl) ..... 0,0001 %
Phosphate (PO_4) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,0001 %
As ..... 0,00004 %
Ca ..... 0,001 %
Cu ..... 0,0001 %
Fe ..... 0,000025 %
Mg ..... 0,001 %
Ni ..... 0,0001 %
Pb ..... 0,0001 %
Zn ..... 0,0001 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141130.1611	1000 ml	6
141130.1612	2,5 l	4
141130.1214	5 l	4
141130.0716	25 l	
141130.0718	60 l	
141130.0719	200 l	

Ammonia 30% (as NH_3) (E-527, F.C.C.) ADITIO

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314-H400

1l~0,897kg 1kg~1,115l

SPECIFICATIONS:

Assay (by weight of NH_3) ..... 27,0-30,0 %*
Non-volatile residue, not more than ..... 0,02 %
Easily oxidizable substances..... p/t.
Arsenic, not more than ..... 3 ppm
Lead, not more than ..... 0,5 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6
*At the moment of the batch analysis

Order code	Package	Units/Box st.
201130.1214	5 l	4
201130.0716	25 l	

Ammonia 25% (as NH_3) (Reag. USP, Ph. Eur.) PA

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314-H400

1l~0,905kg 1kg~1,105l

SPECIFICATIONS:

Assay (Acidim.) ..... 25,0-27,0 %*
Density at 20/4 ..... 0,901-0,907*

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,002 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0008 %
Pyridine and homologues..... 0,0002 %
Carbonate (as CO_2)..... 0,002 %
Sulphur compounds (as SO_4) ..... 0,0002 %
Chloride (Cl)..... 0,00005 %
Phosphate (PO_4) ..... 0,0001 %
Sulphide (S) ..... 0,00001 %
Heavy metals (as Pb)..... 0,00005 %
As ..... 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Fe..... 0,1	Pb 0,05
Al 0,5	Ga..... 0,05	Pt 0,1
Au 0,1	Ge..... 0,02	Sb 0,02
B 0,5	Hg..... 0,1	Si 0,3
Ba 0,1	In..... 0,05	Sn 0,05
Be 0,1	K 1	Sr 1
Bi 0,05	Li..... 0,02	Ti..... 0,05
Ca 1	Mg 0,5	Tl..... 0,02
Cd..... 0,1	Mn 0,1	V 0,02
Co..... 0,1	Mo 0,02	Zn 0,1
Cr..... 0,05	Na 2	Zr 0,05
Cu..... 0,1	Ni 0,05	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
121129.1611	1000 ml	6
121129.1612	2,5 l	4
121129.1214	5 l	4
121129.0716	25 l	
121129.0718	60 l	
121129.0719	200 l	

Ammonia 25% (as NH_3) (BP, Ph. Eur.) PRS-CODEX

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314-H400

1l~0,905kg 1kg~1,105l

SPECIFICATIONS:

Assay (Acidim.) (w/w) ..... 25,0-27,0 %*
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 ..... 0,901-0,907*

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Non-volatile matter..... 0,002 %
Residual solvents (Ph.Eur./USP)..... p/t.
Reducing substances to $KMnO_4$ ..... p/t.
Pyridine and homologues (as C_5H_5N) ..... 0,0002 %
Carbonate..... 0,005 %
Sulphur compounds (as SO_4) ..... 0,0005 %
Chloride (Cl)..... 0,0001 %
Phosphate (PO_4) ..... 0,0005 %
Heavy metals (as Pb)..... 0,0001 %
Ca ..... 0,001 %
Cu ..... 0,0001 %
Fe..... 0,000025 %
Mg ..... 0,001 %
Ni ..... 0,0001 %
Pb ..... 0,0001 %
Zn ..... 0,0001 %
*At the moment of the batch analysis

Order code	Package	Units/Box st.
141129.1611	1000 ml	6
141129.1612	2,5 l	4
141129.1214	5 l	4
141129.0716	25 l	
141129.0718	60 l	

Ammonia 25% (as NH_3) ADITIO

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314-H400

1l~0,905kg 1kg~1,105l

SPECIFICATIONS:

Assay (by weight of NH_3) ..... 23,0-25,0 %*
Heavy metals (as Pb), not more than ..... 5 ppm
Non-volatile residue, not more than ..... 0,02 %
Easily oxidizable substances..... p/t.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
201129.1214	5 l	4
201129.0716	25 l	

Ammonia 25% (as NH_3) QP

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314-H400

CE: 007-001-01-2

1l~0,905kg 1kg~1,105l

SPECIFICATIONS:

Assay (Acidim.)..... 24-27 %*
Density at 20/4 ..... 0,900-0,910*
Sulphur compounds (as SO_4) ..... 0,005 %
Chloride (Cl)..... 0,005 %
Fe..... 0,005 %
Pb ..... 0,005 %
*At the moment of the batch analysis

Order code	Package	Units/Box st.
211129.1214	5 l	4
211129.0716	25 l	
211129.0718	60 l	

Ammonia 20% (as NH_3) (TMA) HIPERPUR-PLUS

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Assay (Acidim.)	20-22 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag	10	Gd	10	Rh	10
Al	20	Ge	10	Sb	10
As	10	Hg	200	Sc	10
Au	10	Ho	10	Sm	10
Ba	10	In	10	Sn	10
Be	10	K	10	Sr	10
Bi	10	La	10	Tb	10
Ca	10	Li	10	Te	10
Cd	10	Lu	10	Th	10
Ce	10	Mg	10	Ti	10
Co	10	Mn	10	Tl	10
Cr	10	Mo	10	Tm	10
Cs	10	Na	20	U	10
Cu	10	Nb	10	V	10
Dy	10	Nd	10	W	10
Er	10	Ni	10	Y	10
Eu	10	Pb	10	Yb	10
Fe	10	Pr	10	Zn	10
Ga	10	Rb	10	Zr	10

Analysis Type

Ag	1	Hf	0,1	Rh	1
Al	10	Hg	200	Ru	10
As	10	Ho	0,1	Sb	10
Au	5	In	1	Sc	2
Ba	5	K	10	Se	50
Be	5	La	0,1	Sm	1
Bi	0,1	Li	1	Sn	5
Ca	10	Lu	0,1	Sr	1
Cd	1	Mg	5	Tb	0,1
Ce	0,1	Mn	5	Te	1
Co	1	Mo	1	Th	0,1
Cr	5	Na	10	Ti	5
Cs	0,1	Nb	1	Tl	1
Cu	5	Nd	0,1	Tm	0,1
Dy	0,1	Ni	5	U	0,1
Er	0,1	Pb	2	V	2
Eu	0,1	Pd	20	W	5
Fe	10	Pr	0,1	Y	1
Ga	1	Pt	1	Yb	0,1
Gd	0,1	Rb	1	Zn	5
Ge	1	Re	1	Zr	1

Order code	Package	Units/Box st.
711128.0009	250 ml (P)	6

Ammonia 20% (as NH_3) (TMA) HIPERPUR

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Assay (Acidim.)	20-22 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,000001 %
Sulphate (SO_4)	0,0001 %

Metals by ICP (ppb)

Ag	0,5	Gd	0,1	Rh	0,5
Al	1	Ge	0,1	Sb	0,5
As	1	Hg	0,2	Sc	0,1
Au	0,5	Ho	0,1	Se	1
Ba	0,1	In	0,1	Sm	0,1
Be	0,1	K	1	Sn	0,5
Bi	0,1	La	0,1	Sr	0,1
Ca	1	Li	0,1	Tb	0,1
Cd	0,5	Lu	0,1	Te	0,1
Ce	0,1	Mg	1	Th	0,1
Co	0,5	Mn	0,5	Ti	0,5
Cr	0,5	Mo	0,5	Tl	0,1
Cs	0,1	Na	1	Tm	0,1
Cu	0,5	Nb	0,1	U	0,1
Dy	0,1	Nd	0,1	V	0,5
Er	0,1	Ni	0,5	W	0,1
Eu	0,1	Pb	0,1	Y	0,1
Fe	1	Pr	0,1	Yb	0,1
Ga	0,1	Rb	0,1	Zn	0,5
				Zr	0,1

Analysis Type

Ag	0,1	Hf	1	Rh	0,1
Al	0,5	Hg	0,2	Ru	1
As	0,1	Ho	0,1	Sb	0,1
Au	0,1	In	0,1	Sc	0,1
Ba	0,1	K	0,2	Se	0,1
Be	0,1	La	0,1	Sm	0,1
Bi	0,1	Li	0,1	Sn	0,1
Ca	0,5	Lu	0,1	Sr	0,1
Cd	0,1	Mg	0,2	Tb	0,1
Ce	0,1	Mn	0,2	Te	0,1
Co	0,1	Mo	0,1	Th	0,1
Cr	0,1	Na	0,5	Ti	0,1
Cs	0,1	Nb	0,1	Tl	0,1
Cu	0,5	Nd	0,1	Tm	0,1
Dy	0,1	Ni	0,2	U	0,1
Er	0,1	Pb	0,1	V	0,1
Eu	0,1	Pd	1	W	0,1
Fe	0,5	Pr	0,1	Y	0,1
Ga	0,1	Pt	1	Yb	0,1
Gd	0,1	Rb	0,1	Zn	0,5
Ge	0,1	Re	1	Zr	0,1

Order code	Package	Units/Box st.
721128.0010	500 ml (P)	6

Ammonia 20% (as NH_3) PA

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Minimum assay (Acidim.)	20 %*
Density at 20/4	0,917-0,923*

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,002 %
Reducing substances to $KMnO_4$ (as O)	0,0008 %
Pyridine and homologues	0,0002 %
Carbonate (as CO_2)	0,002 %
Sulphur compounds (as SO_4)	0,0002 %
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,0001 %
Sulphide (S)	0,00001 %
Heavy metals (as Pb)	0,00005 %
As	0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Fe 0,1	Pb 0,05
Al 0,5	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,5	Hg 0,1	Si 0,2
Ba 0,1	In 0,05	Sn 0,05
Be 0,1	K 1	Sr 1
Bi 0,05	Li 0,02	Ti 0,05
Ca 1	Mg 0,5	Tl 0,02
Cd 0,1	Mn 0,1	V 0,02
Co 0,1	Mo 0,02	Zn 0,1
Cr 0,05	Na 2	Zr 0,05
Cu 0,1	Ni 0,05	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
121128.1611	1000 ml	6
121128.1214	5 l	4
121128.0716	25 l	

Ammonia 20% (as NH_3) PRS

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
Signal Word: Danger



H314

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Minimum assay (Acidim.)	20 %*
Density at 20/4	0,917-0,923*
Non-volatile matter	0,01 %
Carbonate (as CO_2)	0,005 %
Sulphur compounds (as SO_4)	0,001 %
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,0005 %
Ca	0,001 %
Cu	0,0001 %
Fe	0,0001 %
Mg	0,001 %
Ni	0,0001 %
Pb	0,0001 %
Zn	0,0001 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141128.1611	1000 ml	6
141128.1612	2,5 l	4
141128.1214	5 l	4
141128.0716	25 l	
141128.0718	60 l	

Ammonia 1 mol/l (1N) SV

Indicator: Methyl Red

NH_3

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00
1l~0,992kg 1kg~1,008l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181132.1211	1000 ml	6

AMMONIA FIXATIVE SOLUTIONS

Ammonia Fixative Solution 4% RV

for the N determination in milk according to ISO 8968-2:2001 and 8968-3:2004

NC: 3822 00 00

1l~1,015kg 1kg~0,985l

Composition:

Boric Acid	40 g
Indicator 5, Mixed	3 ml
Water s.q.m.	1000 ml

Order code	Package	Units/Box st.
286236.1211	1000 ml	6
286236.1214	5 l	4

Ammonia Fixative Solution 1% RV

for automatic analysis

NC: 3822 00 00

1l~1,002kg 1kg~0,998l

Composition:

Boric Acid	1 g
Methyl Red	0,75 mg
Bromocresol Green	1 mg
Ethanol absolute	1,5 ml
Water s.q.m	100 ml

Order code	Package	Units/Box st.
283334.1211	1000 ml	6
283334.1214	5 l	4
283334.0716	25 l	

Ammonia Titrations Fixing

(see Boric Acid solution 4%)

Ammonia Titrations Indicator

(see Indicator, mixed)

AMMONIUM SOLUTION

(see Standards for Ionic Chromatography)

Ammonium Acetate (Reag. Ph. Eur.) PA-ACS

CH_3COONH_4

M: 77,08 CAS: 631-61-8 EINECS: 211-162-9 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Acidim.)	97 %
pH of 5% solution	6,7-7,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,01 %
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,0005 %
Nitrate (NO_3)	0,001 %
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,0005 %
Al	0,0005 %
Ca	0,001 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131114.1210	500 g	6
131114.1211	1000 g	6
131114.0914	5 kg	4
131114.0416	25 kg	

Ammonium Acetate PRS

CH_3COONH_4

M: 77,08 CAS: 631-61-8 EINECS: 211-162-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Acidim.)	96 %
pH of 5% solution	6,5-7,5
Insoluble matter in H_2O	0,01 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,003 %
Phosphate (PO_4)	0,001 %
Nitrate (NO_3)	0,003 %
Sulphate (SO_4)	0,003 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141114.1210	500 g P	6
141114.1211	1000 g P	6
141114.0914	5 kg PP	
141114.0416	25 kg PP	

Ammonium Acetate 1M buffered to pH=7, extractant solution RE

extractant reagent for soil analysis

CH_3COONH_4

M: 77,08 CAS: 631-61-8 EINECS: 211-162-9 NC: 2915 29 00

1l~1,015kg 1kg~0,985l

SPECIFICATIONS:

Titer	1,00±0,05

Order code	Package	Units/Box st.
175429.1211	1000 ml P	6

Ammonium Alum

(see Aluminium Ammonium Sulphate 12-hydrate)

Ammonium Aluminium Sulphate

(see Aluminium Ammonium Sulphate 12-hydrate)

Ammonium Amidosulphonate

(see Ammonium Sulphamate)

Ammonium Benzoate PA-ACS

$C_6H_5COONH_4$

M: 139,16 CAS: 1863-63-4 EINECS: 217-468-9 NC: 2916 31 00

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,005 %
Chlorine compounds (as Cl)	0,01 %
Sulphur compounds (as S)	0,015 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,02 %
Reducing substances to $KMnO_4$	p/t.
Heavy metals (as Pb)	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 1	Cr 5	Na 50
Al 5	Cu 5	Ni 5
As 1	Fe 5	Pb 5
Ba 5	K 50	Sr 5
Bi 5	Li 5	Tl 5
Ca 10	Mg 5	Zn 5
Cd 5	Mn 5	
Co 5	Mo 5	

Order code	Package	Units/Box st.
131115.1210	500 g P	6

Ammonium Benzoate PRS

$C_6H_5COONH_4$

M: 139,16 CAS: 1863-63-4 EINECS: 217-468-9 NC: 2916 31 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H_2O	0,01 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,02 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141115.1210	500 g P	6
141115.0914	5 kg PP	
141115.0416	25 kg PP	

Ammonium Bicarbonate

(see Ammonium Hydrogen Carbonate)

Ammonium Bifluoride

(see Ammonium Hydrogen di-Fluoride)

Ammonium Bisulphate

(see Ammonium Hydrogen Sulphate)

Ammonium Bromide PA-ACS

NH_4Br

M: 97,94 CAS: 12124-97-9 EINECS: 235-183-8 NC: 2827 59 00

SPECIFICATIONS:

Minimum assay (Arg)	99,0 %
pH of 5% solution	4,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 100°C	0,2 %
Residue on ignition (as SO_4)	0,01 %
Bromate (BrO_3)	0,001 %
Chloride (Cl)	0,2 %
Sulphate (SO_4)	0,005 %
Iodide (I)	p/t.
Heavy metals (as Pb)	0,0005 %
Ba	0,002 %
Cu	0,0002 %
Fe	0,0001 %
Ni	0,0002 %
Pb	0,0002 %

Order code	Package	Units/Box st.
131118.1211	1000 g P	6
131118.1214	5 kg P	4
131118.0416	25 kg PP	

Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX

NH_4Br

M: 97,94 CAS: 12124-97-9 EINECS: 235-183-8 NC: 2827 59 00

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s	99-100,5 %
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur.) (*)	
Acidity and alkalinity	p/t.
Magnesium and alkaline-earth salts (as Ca)	0,02 %
Bromate	p/t.
Chloride (Cl)	0,5 %
Sulphate (SO_4)	0,01 %
Iodide (I)	p/t.
Heavy metals (as Pb)	0,001 %
Ba	0,01 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

(*) Excluded by manufacturing process

Order code	Package	Units/Box st.
141118.1211	1000 g P	6
141118.1214	5 kg P	4
141118.0416	25 kg PP	

Ammonium Carbonate (Reag. Ph. Eur.) PA-ACS

~$(NH_4)_3(CO_3)_2H+NH_2COONH_4$

CAS: 10361-29-2 EINECS: 233-786-0 NC: 2836 99 17

SPECIFICATIONS:

Minimum assay (as NH_3)(Acidim.) ..... 30,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Non-volatile matter ..... 0,01 %
Chloride (Cl) ..... 0,0005 %
Sulphur compounds (as SO_4) ..... 0,002 %
Phosphate (PO_4) ..... 0,0005 %
Nitrate (NO_3) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00004 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Ga	5	Se	5
Al	5	Ge	5	Si	10
Au	5	In	5	Sn	5
B	5	K	10	Sr	5
Ba	5	Mg	10	Ti	5
Be	5	Mn	5	Tl	5
Bi	5	Mo	5	V	5
Cd	5	Na	20	Zn	5
Co	5	Ni	5	Zr	5
Cr	5	Pb	5		
Cu	1	Pt	5		
Fe	1	Sb	5		

Order code	Package	Units/Box st.
131119.1210	500 g (P)	6
131119.1211	1000 g (P)	6
131119.0914	5 kg (PP)	

Ammonium Carbonate (USP-NF) PRS-CODEX

~$(NH_4)_3(CO_3)_2H+NH_2COONH_4$

CAS: 10361-29-2 EINECS: 233-786-0 NC: 2836 99 17

SPECIFICATIONS:

Assay (as NH_3)(Acidim.) ..... 30,0-34,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,0035 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0004 %
Ca ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141119.1210	500 g (P)	6
141119.1211	1000 g (P)	6
141119.0914	5 kg (PP)	
141119.0416	25 kg (PP)	

Ammonium Carbonate (E-503i, F.C.C.) ADITIO

~$(NH_4)_3(CO_3)_2H+NH_2COONH_4$

CAS: 10361-29-2 EINECS: 233-786-0 NC: 2836 99 17

SPECIFICATIONS:

Assay (as NH_3) ..... 30,0-34,0 %
pH of 5% solution, about 8,6 ..... p/t.
Chloride, not more than ..... 0,003 %
Non-volatile residue, not more than ..... 0,05 %
Sulphur compounds (as SO_4), not more than ..... 0,005 %
Sulphate, not more than ..... 30 ppm
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 3 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201119.0914	5 kg (PP)	
201119.0416	25 kg (PP)	

Ammonium Cerium(IV) Nitrate (Reag. Ph. Eur.) PA-ACS

$(NH_4)_2Ce(NO_3)_6$

M: 548,23 CAS: 16774-21-3 EINECS: 240-827-6 NC: 2846 90 00 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H319

SPECIFICATIONS:

Minimum assay (Oxydim.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in dil. H_2SO_4 ..... 0,05 %
Chloride (Cl) ..... 0,01 %
Phosphate (PO_4) ..... 0,02 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,005 %
K ..... 0,001 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na ..... 0,001 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
134758.1208	100 g (P)	6

Ammonium Cerium(IV) Sulphate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS

$(NH_4)_4Ce(SO_4)_4.2H_2O$

M: 632,55 CAS: 10378-47-9 EINECS: 231-567-4 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,02 %
Chloride (Cl) ..... 0,01 %
Phosphate (PO_4) ..... 0,01 %
Heavy metals (as Pb) ..... 0,005 %
Cu ..... 0,003 %
Fe ..... 0,005 %
K ..... 0,01 %
Na ..... 0,01 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
132748.1208	100 g (P)	6
132748.1209	250 g (P)	6

Ammonium Cerium(IV) Sulphate 2-hydrate PRS

$(NH_4)_4Ce(SO_4)_4.2H_2O$

M: 632,55 CAS: 10378-47-9 EINECS: 231-567-4 NC: 2846 90 00

SPECIFICATIONS:

Assay (Iodom.) ..... 98 %
Chloride (Cl) ..... 0,025 %
Phosphate (PO_4) ..... 0,03 %
Cu ..... 0,01 %
Fe ..... 0,02 %
Ni ..... 0,01 %
Pb ..... 0,01 %

Order code	Package	Units/Box st.
142748.1208	100 g (P)	6
142748.1209	250 g (P)	6

Ammonium Chloride PA-ACS-ISO

NH_4Cl

M: 53,49 CAS: 12125-02-9 EINECS: 235-186-4 NC: 2827 10 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (Arg)	99,5 %
pH of 5% solution	4,5-5,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,01 %
Pyridine and homologues	0,001 %
Phosphate (PO_4)	0,0002 %
Nitrate (NO_3)	0,001 %
Sulphate (SO_4)	0,002 %
Iodide (I)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0002 %
K	0,005 %
Mg	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131121.1210	500 g (P)	6
131121.1211	1000 g (P)	6
131121.0914	5 kg (PP)	4
131121.0416	25 kg (PP)	

Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX

NH_4Cl

M: 53,49 CAS: 12125-02-9 EINECS: 235-186-4 NC: 2827 10 00

ignal Word: Warning



H302-H319

SPECIFICATIONS:

Assay (Arg.)calc. a.d.s	99,5-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,6-6,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying at 100°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t.
Acidity-alkalinity	p/t.
Bromide and iodide	p/t.
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,005 %
Thiocyanate	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,02 %
Cu	0,001 %
Fe	0,002 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141121.1210	500 g (P)	6
141121.1211	1000 g (P)	6
141121.1214	5 kg (P)	4
141121.0416	25 kg (PP)	

Ammonium Chloride (F.C.C.) ADITIO

NH_4Cl

M: 53,49 CAS: 12125-02-9 EINECS: 235-186-4 NC: 2827 10 00

ignal Word: Warning



H302-H319

SPECIFICATIONS:

Assay (as NH_4Cl) after drying, not less than	99,0 %
Loss on drying, not more than	0,5 %
Lead, not more than	4 ppm
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
201121.0914	5 kg (PP)	
201121.0416	25 kg (PP)	

Ammonium Chlorocuprate(II)

(see Ammonium Copper(II) Chloride 2-hydrate)

Ammonium Chromate PA

$(NH_4)_2CrO_4$

M: 152,09 CAS: 7788-98-9 EINECS: 232-138-4 NC: 2841 50 00 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350i-H317-H410

SPECIFICATIONS:

Minimum assay (Iodometric)	99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,05 %
Ca	0,005 %
Cu	0,001 %
Fe	0,002 %
K	0,05 %
Mg	0,005 %
Na	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
121124.1210	500 g (P)	6
121124.1214	5 kg (P)	4

Ammonium Chromate PRS

$(NH_4)_2CrO_4$

M: 152,09 CAS: 7788-98-9 EINECS: 232-138-4 NC: 2841 50 00 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350i-H317-H410

SPECIFICATIONS:

Assay (Iodom.)	99 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,05 %
Cu	0,002 %
Fe	0,05 %
Pb	0,01 %

Order code	Package	Units/Box st.
141124.1210	500 g (P)	6
141124.1214	5 kg (P)	4

Ammonium Citrate di-Basic

(see di-Ammonium Hydrogen Citrate)

Ammonium Copper(II) Chloride 2-hydrate PRS

$(NH_4)_2CuCl_4.2H_2O$

M: 277,47 CAS: 10060-13-6 NC: 2827 39 85

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.)	98 %
Insoluble matter in H_2O	0,01 %
Sulphate (SO_4)	0,05 %
As	0,0005 %
Fe	0,01 %
Pb	0,005 %

Order code	Package	Units/Box st.
142749.1210	500 g (P)	6
142749.1211	1000 g (P)	6

Ammonium Dichromate moistened with 0,5 - 3,0% of H_2O PA-ACS

$(NH_4)_2Cr_2O_7$

M: 252,07 CAS: 7789-09-5 EINECS: 232-143-1 NC: 2841 50 00 UN: 1439

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H350-H340-H360FD-H330-H301-H372-H312-H314-H334-H317-H410

SPECIFICATIONS:

Minimum assay (Iodom.) a.d.s	99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 105°C	0,5-3,0 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Ca	0,002 %
Cu	0,001 %
Fe	0,002 %
K	0,005 %
Mg	0,002 %
Na	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
131125.1210	500 g (P)	6
131125.1214	5 kg (P)	4

Ammonium Dichromate moistened with 0,5-3,0% of H_2O PRS

$(NH_4)_2Cr_2O_7$

M: 252,07 CAS: 7789-09-5 EINECS: 232-143-1 NC: 2841 50 00 UN: 1439
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H350-H340-H360FD-H330-H301-H372-H312-H314-H334-H317-H410

SPECIFICATIONS:

Assay (Iodom.) a.d.s	99 %
Loss on drying at 105°C	3 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Cu	0,005 %
Fe	0,005 %
Pb	0,01 %

Order code	Package	Units/Box st.
141125.1210	500 g P	6
141125.1214	5 kg PP	
141125.0416	25 kg	

Ammonium Fluoride PA-ACS

NH_4F

M: 37,04 CAS: 12125-01-8 EINECS: 235-185-9 NC: 2826 19 10 UN: 2505
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H331-H311-H301

SPECIFICATIONS:

Minimum assay (Acidim.)	98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,01 %
Ammonium hydrogen bifluoride (F_2HNH_4)	0,5 %
Chloride (Cl)	0,001 %
Hexafluorosilicate (F_6Si)	0,1 %
Nitrate (NO_3)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,0002 %
Ca	0,01 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,002 %
Li	0,0005 %
Mg	0,0005 %
Mn	0,0005 %
Mo	0,0005 %
Na	0,002 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
132351.1210	500 g P	6
132351.1211	1000 g P	6
132351.0914	5 kg PP	

Ammonium Fluoride PRS

NH_4F

M: 37,04 CAS: 12125-01-8 EINECS: 235-185-9 NC: 2826 19 10 UN: 2505
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H331-H311-H301

SPECIFICATIONS:

Assay (Acidim.)	95 %
Insoluble matter in H_2O	0,01 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,005 %
Nitrate (NO_3)	0,005 %
Sulphate (SO_4)	0,01 %
As	0,0005 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
142351.1210	500 g P	6
142351.1211	1000 g P	6
142351.0416	25 kg	

Ammonium Formate PRS

$HCOONH_4$

M: 63,06 CAS: 540-69-2 EINECS: 208-753-9 NC: 2915 12 00
Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Perchl. Ac.)	95,0 %

Order code	Package	Units/Box st.
143482.1208	100 g P	6
143482.1211	1000 g P	6

Ammonium Hydrogen Carbonate (Reag. Ph. Eur.) PA

$(NH_4)HCO_3$

M: 79,06 CAS: 1066-33-7 EINECS: 213-911-5 NC: 2836 99 17
Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,0005 %
Sulphur compounds (as SO_4)	0,002 %
Phosphate (PO_4)	0,0005 %
Nitrate (NO_3)	0,001 %
Sulphide	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0001 %
Fe	0,0005 %
K	0,001 %
Na	0,002 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
121116.1210	500 g P	6
121116.1211	1000 g P	6
121116.0914	5 kg PP	
121116.0416	25 kg PP	

Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX

$(NH_4)HCO_3$

M: 79,06 CAS: 1066-33-7 EINECS: 213-911-5 NC: 2836 99 17
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,007 %
Sulphide	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
Mg	0,01 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141116.1210	500 g P	6
141116.1211	1000 g P	6
141116.0914	5 kg PP	
141116.0416	25 kg PP	

Ammonium Hydrogen Carbonate (E-503ii, F.C.C.) ADITIO

$(NH_4)HCO_3$

M: 79,06 CAS: 1066-33-7 EINECS: 213-911-5 NC: 2836 99 17

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as NH_4HCO_3)	99,0-100,5%
pH of 5% solution, about 8,0	p/t.
Chloride, not more than	0,003 %
Non-volatile residue, not more than	0,05 %
Sulphur compounds (as SO_4), not more than	0,007 %
Sulphate, not more than	30 ppm
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	3 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201116.0914	5 kg PP	
201116.0416	25 kg PP	

di-Ammonium Hydrogen Citrate (Reag. Ph. Eur.) PA-ACS

$C_6H_5O_7(NH_4)_2H$

M: 226,19 CAS: 3012-65-5 EINECS: 221-146-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Acidim.)	98,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,01 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,0005 %
Oxalate (C_2O_4)	0,05 %
Sulphur compounds (SO_4)	0,005 %
Water (H_2O)	1,0 %
Heavy metals (as Pb)	0,0005 %
As	0,00001 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131120.1210	500 g P	6
131120.1211	1000 g P	6
131120.0914	5 kg PP	
131120.0416	25 kg	

di-Ammonium Hydrogen Citrate PRS

$C_6H_5O_7(NH_4)_2H$

M: 226,19 CAS: 3012-65-5 EINECS: 221-146-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H_2O	0,02 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,002 %
Phosphate (PO_4)	0,005 %
Sulphur compounds (SO_4)	0,005 %
Water (H_2O)	2 %
Heavy metals (as Pb)	0,005 %
As	0,00005 %
Ca	0,005 %
Cd	0,005 %
Co	0,005 %
Cu	0,005 %
Fe	0,005 %
K	0,01 %
Na	0,01 %
Ni	0,005 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
141120.1210	500 g P	6
141120.1211	1000 g P	6
141120.0914	5 kg PP	
141120.0416	25 kg	

Ammonium Hydrogen di-Fluoride PRS

$(NH_4)HF_2$

M: 57,04 CAS: 1341-49-7 EINECS: 215-676-4 NC: 2826 19 90 UN: 1727

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H301-H314

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	4,0-6,5
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,003 %
Sulphate (SO_4)	0,05 %
Water (H_2O)	1 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141911.1210	500 g P	6
141911.1211	1000 g P	6
141911.0914	5 kg PP	
141911.0416	25 kg PP	

di-Ammonium Hydrogen Phosphate (Reag. Ph. Eur) PA-ACS

$(NH_4)_2HPO_4$

M: 132,06 CAS: 7783-28-0 EINECS: 231-987-8 NC: 3105 30 00

SPECIFICATIONS:

Minimum assay (Acidim.)	98,0 %
pH of 5% solution	7,7-8,1

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Sulphur compounds (as SO_4)	0,004 %
Chloride (Cl)	0,0005 %
Nitrate (NO_3)	0,003 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,001 %
Cu	0,001 %
Fe	0,001 %
K	0,005 %
Mg	0,0005 %
Na	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131127.1210	500 g P	6
131127.1211	1000 g P	6
131127.1214	5 kg P	4
131127.0416	25 kg PP	

di-Ammonium Hydrogen Phosphate (USP) PRS-CODEX

$(NH_4)_2HPO_4$

M: 132,06 CAS: 7783-28-0 EINECS: 231-987-8 NC: 3105 30 00

SPECIFICATIONS:

Assay (Acidim.)	96,0-102,0%
Identity according to Pharmacopoeias	p/t.
pH of 1% solution	7,6-8,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,001 %
As	0,0003 %
Cu	0,001 %
Fe	0,003 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141127.1210	500 g P	6
141127.1211	1000 g P	6
141127.0914	5 kg PP	
141127.0416	25 kg PP	

di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO

$(NH_4)_2HPO_4$

M: 132,06 CAS: 7783-28-0 EINECS: 231-987-8 NC: 3105 30 00

SPECIFICATIONS:

Assay ($(NH_4)_2HPO_4$)	96,0-102,0%
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Lead, not more than	4 ppm

Specifications F.C.C. 6

Order code	Package	Units/Box st.
201127.0914	5 kg PP	
201127.0416	25 kg PP	

Ammonium di-Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS

$(NH_4)H_2PO_4$

M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00

SPECIFICATIONS:

Minimum assay (Acidim.)	98,0 %
pH of 5% solution	3,8-4,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Sulphur compounds (as SO_4)	0,005 %
Chloride (Cl)	0,0005 %
Nitrate (NO_3)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Ge	5	Se	5
Al	5	Hg	5	Si	5
Au	5	In	5	Sn	5
B	5	K	50	Sr	5
Ba	5	Li	5	Ti	5
Be	5	Mg	5	Tl	5
Ca	10	Mn	5	V	5
Cd	5	Mo	5	Zn	5
Co	5	Na	50	Zr	5
Cr	5	Ni	5		
Cu	5	Pb	5		
Fe	5	Pt	5		
Ga	5	Sb	5		

Order code	Package	Units/Box st.
131126.1210	500 g	6
131126.1211	1000 g	6
131126.1214	5 kg	4
131126.0416	25 kg	

Ammonium di-Hydrogen Phosphate PRS

$(NH_4)H_2PO_4$

M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00

SPECIFICATIONS:

Assay (Acidim.)	96,0-102,0%
pH of 5% solution	3,8-4,4
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,003 %
Nitrate (NO_3)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Cu	0,001 %
Fe	0,003 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141126.1210	500 g	6
141126.1211	1000 g	6
141126.1214	5 kg	4
141126.0416	25 kg	

Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO

$(NH_4)H_2PO_4$

M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00

SPECIFICATIONS:

Assay ($(NH_4)H_2PO_4$)	96,0-102,0%
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Lead, not more than	4 ppm
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
201126.1214	5 kg	4

Ammonium Hydrogen Sulphate (Reag. USP) PA

NH_4HSO_4

M: 115,11 CAS: 7803-63-6 EINECS: 232-265-5 NC: 2833 29 90 UN: 2506
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

SPECIFICATIONS:

Minimum assay (Acidim.)	98,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition	0,005 %
Chloride (Cl)	0,0002 %
Phosphate (PO_4)	0,0003 %
Nitrate (NO_3)	0,001 %
Heavy metals (as Pb)	0,0002 %
Al	0,001 %
As	0,00002 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0001 %
Fe	0,0002 %
K	0,001 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0001 %
Pb	0,0001 %
Zn	0,0001 %

Order code	Package	Units/Box st.
121117.1210	500 g	6
121117.1214	5 kg	4

Ammonium Hydrogen Sulphate PRS

NH_4HSO_4

M: 115,11 CAS: 7803-63-6 EINECS: 232-265-5 NC: 2833 29 90 UN: 2506
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,003 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141117.1210	500 g	6
141117.0416	25 kg	

Ammonium Hydroxide

(see Ammonia)

Ammonium Iodide PA-ACS

NH_4I

M: 144,94 CAS: 12027-06-4 EINECS: 234-717-7 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay	99,5 %
pH of 5% solution	4,5-6,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,05 %
Chloride and bromide (as Cl)	0,005 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,002 %
Heavy metals (as Pb)	0,001 %
Ba	0,002 %
Ca	0,001 %
Cu	0,0001 %
Fe	0,0002 %
K	0,002 %
Na	0,002 %
Ni	0,0001 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131813.1609	250 g	6

Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe) (Iodom.) calc. a.d.s	16,5-18,5 %
Identity according to Pharmacopoeias	p/t.
pH of 10% solution	6,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	6,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,05 %
Oxalate	p/t.
Sulphate (SO_4)	0,3 %
Tartrate	p/t.
Fe(III) not complexated	p/t.
Iron(III) Citrate	p/t.
Heavy metals (as Pb)	0,005 %
As	0,0004 %
Hg	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142912.1211	1000 g (P)	6

Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe)	16,5-18,5 %
Sulphate, not more than	0,3 %
Lead, not more than	2 ppm
Mercury, not more than	1 ppm
Oxalate	p/t.
Fe(III) citrate	p/t.

Specifications F.C.C. 6

Order code	Package	Units/Box st.
202912.1211	1 kg (P)	6

Ammonium Iron(III) Citrate green PRS

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe) (Iodom.)	14,5-16,0 %
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	6,0 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	1,5 %
Tartrate	p/t.
Fe(III) not complexated	p/t.
Heavy metals (as Pb)	0,005 %
As	0,0004 %

Order code	Package	Units/Box st.
142028.1211	1000 g (P)	6

Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe)	14,5-16,0 %
Sulphate, not more than	0,3 %
Lead, not more than	2 ppm
Mercury, not more than	1 ppm
Oxalate	p/t.
Iron(III) citrate	p/t.

Specifications F.C.C. 6

Order code	Package	Units/Box st.
202028.1211	1 kg (P)	6
202028.0914	5 kg (PP)	

Ammonium Iron(III) Oxalate 3-hydrate PRS

$(NH_4)_3Fe(C_2O_4)_3.3H_2O$

M: 428,07 CAS: 14221-47-7 EINECS: 238-090-0 NC: 2917 11 00

Signal Word: Warning

H312-H302

SPECIFICATIONS:

Assay (Perm.)	98 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,02 %
Cu	0,005 %
Ni	0,005 %
Pb	0,005 %
Zn	0,01 %

Order code	Package	Units/Box st.
141364.1210	500 g (P)	6
141364.0914	5 kg (PP)	

Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO

$(NH_4)_2Fe(SO_4)_2.6H_2O$

M: 392,14 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

SPECIFICATIONS:

Assay (Perm.)	99,0-101,0%
pH of 5% solution	3-5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4	0,005 %
Non-precipitated by NH_4OH	0,1 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,002 %
Fe(III)	0,02 %

Metals by ICP [mg/Kg (ppm)]

Al	50
Ca	100
Cd	10
Co	50
Cu	10
Hg	10
K	100
Mg	50
Mn	200
Na	100
Pb	10
Sr	10
Zn	30

Order code	Package	Units/Box st.
131368.1210	500 g (P)	6
131368.1211	1000 g (P)	6
131368.1214	5 kg (P)	4
131368.0416	25 kg (PP)	

Ammonium Iron(II) Sulphate 6-hydrate PRS

$(NH_4)_2Fe(SO_4)_2.6H_2O$

M: 392,14 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

SPECIFICATIONS:

Assay (Perm.)	98-101 %
pH of 5% solution	≥3,5
Insoluble matter in H_2SO_4	0,01 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %

Order code	Package	Units/Box st.
141368.1210	500 g (P)	6
141368.1211	1000 g (P)	6
141368.1214	5 kg (P)	4
141368.0416	25 kg (PP)	

AMMONIUM IRON(II) SULPHATE SOLUTIONS

Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV

for determination of COD. Indicator: Ferroin

$(NH_4)_2Fe(SO_4)_2$

M: 284,05 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

1l~1,045kg 1kg~0,957l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181369.1611	1000 ml	6

Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV

for determination of COD according to NFT 90-101/ISO 6060:1989/UNE 77-004-02. Indicator: Ferroin

$(NH_4)_2Fe(SO_4)_2.6H_2O$

M: 392,14 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

1l~1,055kg 1kg~0,948l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
185227.1611	1000 ml	6

Ammonium Iron(III) Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$NH_4Fe(SO_4)_2.12H_2O$

M: 482,19 CAS: 7783-83-7 EINECS: 233-382-4 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.) 98,5-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Non-precipitated substances by NH_4OH ..... 0,05 %
Chloride (Cl) ..... 0,0005 %
Nitrate (NO_3) ..... 0,01 %
Ca ..... 0,01 %
Cu ..... 0,002 %
Fe(II) ..... 0,001 %
K ..... 0,005 %
Mg ..... 0,001 %
Mn ..... 0,005 %
Na ..... 0,01 %
Pb ..... 0,001 %
Zn ..... 0,003 %

Order code	Package	Units/Box st.
131365.1210	500 g	6
131365.1211	1000 g	6
131365.0914	5 kg	
131365.0416	25 kg	

Ammonium Iron(III) Sulphate 12-hydrate PRS

$NH_4Fe(SO_4)_2.12H_2O$

M: 482,19 CAS: 7783-83-7 EINECS: 233-382-4 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.) ..... 97-102 %
Insoluble matter in H_2O ..... 0,01 %
Chloride (Cl) ..... 0,01 %
Ca ..... 0,03 %
Cu ..... 0,005 %
Mg ..... 0,03 %
Pb ..... 0,005 %
Zn ..... 0,01 %

Order code	Package	Units/Box st.
141365.1210	500 g	6
141365.1211	1000 g	6
141365.0914	5 kg	
141365.0416	25 kg	

Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV

Indicator: Starch

$NH_4Fe(SO_4)_2$

M: 266,19 CAS: 10138-04-2 EINECS: 233-382-4 NC: 2833 30 00

1l~1,025kg 1kg~0,976l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181367.1611	1000 ml	6

Ammonium Iron(III) Sulphate saturated solution

(see Alum Iron Ammonium)

Ammonium Lactate solution 70% w/w PS

$C_3H_9NO_3$

M: 107,11 CAS: 515-98-0 EINECS: 208-214-8 NC: 2918 11 00

1l~1,16kg 1kg~0,86l

SPECIFICATIONS:

Assay (as Lactic Acid) ..... 58-64 %
Assay (as NH_3) ..... 8-12 %
Density at 20/4 1,16-1,19
Water (H_2O) ..... 28-32 %

Order code	Package	Units/Box st.
15B483.1208	100 ml	6
15B483.1211	1000 ml	6

Ammonium Metavanadate

(see Ammonium meta-Vanadate)

Ammonium Molybdate 4-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$(NH_4)_6\ Mo_7O_{24}.4H_2O$

M: 1235,86 CAS: 12027-67-7 EINECS: 234-722-4 NC: 2841 70 00

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (as MoO_3) (Compl.) ..... 81,0-83,0 %
Minimum assay (Compl.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,002 %
Arsenates, phosphates and silicates (as SiO_2) ..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Nitrate (NO_3) ..... 0,003 %
Sulphate (SO_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,002 %
Mg ..... 0,005 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131134.1208	100 g	6
131134.1209	250 g	6
131134.1211	1000 g	6
131134.1214	5 kg	4
131134.0416	25 kg	

Ammonium Molybdate 4-hydrate (USP) PRS-CODEX

$(NH_4)_6\ Mo_7O_{24}.4H_2O$

M: 1235,86 CAS [12054-85-2] EINECS: 234-722-4 NC: 2841 70 00

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Compl.) 99,3-101,8%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,002 %
Arseniates, phosphates and silicates (as SiO_2) ..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Nitrate (NO_3) ..... p/t.
Sulphate (SO_4) ..... 0,02 %
Magnesium and other alkaline-earths ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
Ca ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... 0,01 %
Mg ..... 0,01 %
Na ..... 0,01 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141134.1208	100 g	6
141134.1209	250 g	6
141134.1211	1000 g	6
141134.1214	5 kg	4
141134.0416	25 kg	

di-Ammonium Oxalate 1-hydrate (Reag. Ph. Eur.) PA-ACS

$(NH_4)_2(COO)_2.H_2O$

M: 142,11 CAS: 6009-70-7 EINECS: 214-202-3 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) 99,5-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,02 %
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Nitrate (NO_3) ..... 0,001 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Ga 5	Sb 5
B 5	Ge 5	Se 5
Be 5	Hg 5	Si 5
Bi 5	In 5	Sn 5
Ca 10	Mg 5	Sr 5
Cd 5	Mn 5	Ti 5
Co 5	Mo 5	Tl 5
Cr 5	Ni 5	V 5
Cu 5	Pb 5	Zn 5
Fe 2	Pt 5	Zr 5

Order code	Package	Units/Box st.
131136.1210	500 g (P)	6
131136.1211	1000 g (P)	6
131136.0914	5 kg (PP)	
131136.0416	25 kg (PP)	

di-Ammonium Oxalate 1-hydrate PRS

$(NH_4)_2(COO)_2.H_2O$

M: 142,11 CAS: 6009-70-7 EINECS: 214-202-3 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) ..... 99 %
Insoluble matter in H_2O ..... 0,02 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,01 %
Nitrate (NO_3) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
As ..... 0,00005 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141136.1210	500 g (P)	6
141136.1211	1000 g (P)	6
141136.0914	5 kg (PP)	
141136.0416	25 kg (PP)	

Ammonium Perchlorate PA

NH_4ClO_4

M: 117,50 CAS: 7790-98-9 EINECS: 232-235-1 NC: 2829 90 10 UN: 1442
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 512
Signal Word: Danger



H201-H271

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Chlorate and Nitrate ..... p/t.
Chloride (Cl) ..... 0,003 %
Chloride and Chlorate (as Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
Ca ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121137.1209	250 g (P)	6
121137.1214	5 kg (P)	4

Ammonium Perchlorate PRS

NH_4ClO_4

M: 117,50 CAS: 7790-98-9 EINECS: 232-235-1 NC: 2829 90 10 UN: 1442
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 512
Signal Word: Danger



H201-H271

SPECIFICATIONS:

Assay (Acidim.) ..... 98 %
Insoluble matter in H_2O ..... 0,02 %
Chloride (Cl) ..... 0,01 %
Chloride and Chlorate (as Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141137.1209	250 g (P)	6
141137.1214	5 kg (P)	4

Ammonium Peroxodisulphate (Reag. Ph. Eur.) PA-ACS

$(NH_4)_2S_2O_8$

M: 228,20 CAS: 7727-54-0 EINECS: 231-786-5 NC: 2833 40 00 UN: 1444
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Minimum assay ..... 98,0 %*

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,05 %
Acidity ..... 0,04 meq/g*
Chloride and Chlorate (as Cl) ..... 0,001 %
Heavy metals (as Pb) ..... 0,005 %
Ca ..... 0,01 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
K ..... 0,005 %
Mg ..... 0,005 %
Mn ..... 0,00005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
131138.1610	500 g	6
131138.1611	1000 g	6
131138.0416	25 kg (PP)	

Ammonium Peroxodisulphate PRS

$(NH_4)_2S_2O_8$

M: 228,20 CAS: 7727-54-0 EINECS: 231-786-5 NC: 2833 40 00 UN: 1444
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Assay (Iodom.) ..... 98 %*
Insoluble matter in H_2O ..... 0,02 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride and Chlorate (as Cl) ..... 0,005 %
Heavy metals (as Pb) ..... 0,005 %
Cu ..... 0,005 %
Fe ..... 0,003 %
Ni ..... 0,005 %
Pb ..... 0,001 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141138.1610	500 g	6
141138.1611	1000 g	6
141138.1214	5 kg (P)	4
141138.0416	25 kg (PP)	

Ammonium Persulphate
(see Ammonium Peroxodisulphate)

Ammonium Phosphate di-Basic
(see di-Ammonium Hydrogen Phosphate)

Ammonium Phosphate mono-Basic
(see Ammonium di-Hydrogen Phosphate)

Ammonium Polysulphide solution 25% w/w PRS
$(NH_4)_2S_x$

CAS: 9080-17-5 EINECS: 232-989-1 NC: 2830 90 85 UN: 2818
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



EUH031-H314-H400

1l~1,070kg 1kg~0,935l

SPECIFICATIONS:
Density at 20/4 1,065-1,090

Order code	Package	Units/Box st.
141139.1611	1000 ml	6
141139.0716	25 l	

Ammonium Purpurate
(see Murexide)

Ammonium Rhodanide
(see Ammonium Thiocyanate)

Ammonium Sodium Hydrogen Phosphate 4-hydrate (Reag. USP) PA
$NaNH_4HPO_4.4H_2O$

M: 209,07 CAS: 13011-54-6 EINECS: 235-860-8 NC: 2835 29 90
SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in NH_4OH ..... 0,01 %
Chloride (Cl)..... 0,002 %
Nitrate (NO_3)..... 0,002 %
Sulphate (SO_4) ..... 0,01 %
Heavy metals (as Pb)..... 0,001 %
As ..... 0,0001 %
Cu ..... 0,001 %
Fe..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121727.1210	500 g	6
121727.1211	1000 g	6
121727.0914	5 kg	
121727.0416	25 kg	

Ammonium Sulfocyanide
(see Ammonium Thiocyanate)

Ammonium Sulphamate (Reag. Ph. Eur.) PA-ACS
$H_2NSO_3NH_4$

M: 114,12 CAS: 7773-06-0 EINECS: 231-871-7 NC: 2842 90 80
SPECIFICATIONS:
Minimum assay ..... 99,0 %
Melting range (including 133,0°C) .....2°C
pH of 5% solution 5,0-6,0
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,005 %
Loss on drying at 105°C..... 0,5 %
Residue on ignition (as SO_4) ..... 0,05 %
Chloride (Cl)..... 0,001 %
Heavy metals (as Pb)..... 0,0005 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr..... 0,0005 %
Cu ..... 0,0005 %
Fe..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
132750.1208	100 g	6
132750.1209	250 g	6
132750.0914	5 kg	

Ammonium Sulphaminate
(see Ammonium Sulphamate)

Ammonium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO
$(NH_4)_2SO_4$

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00
SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,0 %
pH of 5% solution 5,0-6,0
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,005 %
Loss on drying at 100°C..... 0,1 %
Residue on ignition (as SO_4) ..... 0,005 %
Chloride (Cl)..... 0,0005 %
Phosphate (PO_4) ..... 0,0005 %
Nitrate (NO_3)..... 0,001 %
Heavy metals (as Pb)..... 0,0005 %
As ..... 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Fe	5	Pb	5
Al	5	Ga	5	Pt	5
Au	5	Ge	5	Sb	5
B	5	Hg	5	Si	5
Be	5	In	5	Sn	5
Bi	5	K	50	Sr	5
Ca	20	Mg	20	Ti	5
Cd	5	Mn	5	Tl	5
Co	5	Mo	5	V	5
Cr	5	Na	50	Zn	5
Cu	5	Ni	5	Zr	5

Order code	Package	Units/Box st.
131140.1210	500 g	6
131140.1211	1000 g	6
131140.1214	5 kg	4
131140.0416	25 kg	

Ammonium Sulphate PA
for the N determination in milk according to ISO 8968-2:2001 and 8968-3:2004
$(NH_4)_2SO_4$

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00
SPECIFICATIONS:
Assay (N Deter.) .....99,9-100,0 %

Order code	Package	Units/Box st.
121140.1208	100 g	6

Ammonium Sulphate PRS
$(NH_4)_2SO_4$

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00
SPECIFICATIONS:
Assay (Acidim.)..... 98,0 %
Residue on ignition (as SO_4) ..... 0,25 %
Heavy metals (as Pb)..... 0,001 %
As ..... 0,0003 %
Cu ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141140.1210	500 g	6
141140.1211	1000 g	6
141140.1214	5 kg	4
141140.0416	25 kg	

Ammonium Sulphate (E-517, F.C.C.) ADITIO
$(NH_4)_2SO_4$

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00
SPECIFICATIONS:
Assay (as $(NH_4)_2SO_4$) 99,0-100,5%
Residue on Ignition, not more than ..... 0,25 %
Selenium, not more than ..... 0,003 %
Lead, not more than ..... 3 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201140.1214	5 kg	4
201140.0416	25 kg	

AMMONIUM SULPHIDE SOLUTIONS

Ammonium Sulphide solution 20% w/w PRS

$(NH_4)_2S$

M: 68,14 CAS: 12135-76-1 EINECS: 235-223-4 NC: 2830 90 85 UN: 2683
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



EUH031-H314

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Assay (Iodom.)	20 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,05 %
Ca	0,003 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,001 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
143299.1611	1000 ml	6
143299.0716	25 l	
143299.0718	60 l	

Ammonium Sulphide solution 10% w/v PRS

$(NH_4)_2S$

M: 68,14 CAS: 12135-76-1 EINECS: 235-223-4 NC: 2830 90 85 UN: 2683
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



EUH031-H314

1l~0,99kg 1kg~1,01l

SPECIFICATIONS:

Assay (Iodom.)	10 %
Chloride (Cl)	0,05 %

Order code	Package	Units/Box st.
141145.1611	1000 ml	6
141145.0716	25 l	

Ammonium Sulphite 1-hydrate QP

$(NH_4)_2SO_3.H_2O$

M: 134,14 CAS: 10196-04-0 EINECS: 233-484-9 NC: 2832 20 00
Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:

Minimum assay (Iodom.)	92 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,01 %

Order code	Package	Units/Box st.
211142.1608	100 g	6

di-Ammonium Tartrate PA

$(CHOHCOONH_4)_2$

M: 184,15 CAS: 3164-29-2 EINECS: 221-618-9 NC: 2918 13 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
pH of 5% solution	6,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121146.1211	1000 g	6
121146.0914	5 kg	
121146.0416	25 kg	

di-Ammonium Tartrate PRS

$(CHOHCOONH_4)_2$

M: 184,15 CAS: 3164-29-2 EINECS: 221-618-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	6,5-7,0
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,01 %
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141146.1211	1000 g	6

Ammonium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO

NH_4SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80
Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Minimum assay (Arg.)	99,0 %
pH of 5% solution	4,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,025 %
Iodine-reducing substances	0,002 meq/g
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %
Sulphide (S)	0,001 %
Heavy metals (as Pb)	0,0005 %
Cu	0,0005 %
Fe	0,0001 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131143.1210	500 g	6
131143.1211	1000 g	6
131143.0914	5 kg	
131143.0416	25 kg	

Ammonium Thiocyanate PRS

NH_4SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80
Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Assay (Arg.)	99 %
pH of 5% solution	4,5-6,0
Insoluble matter in H_2O	0,02 %
Residue on ignition (as SO_4)	0,1 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Sulphide (S)	0,005 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141143.1210	500 g	6
141143.1211	1000 g	6
141143.0914	5 kg	
141143.0416	25 kg	

AMMONIUM THIOCYANATE VOLUMETRIC SOLUTIONS

Ammonium Thiocyanate 0,1 mol/l (0,1N) SV

Indicator: Ammoniacal Iron Alum
NH_4SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80
1l~1,001kg 1kg~0,999l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181144.1211	1000 ml	6

Ammonium Thiocyanate 0,1 mol (7,612g NH_4SCN) to prepare 1l of 0,1N solution SVc

CAS: 1762-95-4 EINECS: 217-175-6 NC: 2837 20 00

SPECIFICATIONS:

Titer ..... 1,000 ±0,002

Order code	Package	Units/Box st.
303116.1920	1 ampoule	6

Ammonium Thiocyanate 1 mol/l (1N) SV

Indicator: Ammoniacal Iron Alum

NH_4SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80

1l~1,018kg 1kg~0,982l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
182126.1211	1000 ml	6

Ammonium meta-Vanadate (Reag. USP, Ph. Eur.) PA-ACS

NH_4VO_3

M: 116,98 CAS: 7803-55-6 EINECS: 232-261-3 NC: 2841 90 30 UN: 2859

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Redox) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH_4OH ..... 0,01 %
Carbonate (CO_3) ..... 0,3 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
132352.1209	250 g	6
132352.1211	1000 g	6
132352.0914	5 kg	

Ammonium meta-Vanadate PRS

NH_4VO_3

M: 116,98 CAS: 7803-55-6 EINECS: 232-261-3 NC: 2841 90 30 UN: 2859

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Assay (Redox) ..... 98 %
Insoluble matter in NH_4OH ..... 0,02 %
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,05 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
142352.1209	250 g	6
142352.1211	1000 g	6
142352.1214	5 kg	

Ammonium mono-Vanadate

(see Ammonium meta-Vanadate)

iso-Amyl Acetate

(see Isoamyl Acetate)

Amyl Alcohol according to NF V 04-210 PA

for determination of fat in milk

$C_5H_{12}O$

M: 88,15 NC: 2905 19 00 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-EUH066

1l~0,813kg 1kg~1,230l

SPECIFICATIONS:

Minimum assay (G.C.) (as 3-Methyl-1-Butanol + 2-Methyl-1-Butanol) ..... 98 %
Assay (G.C.) (as 3-Methyl-1-Butanol) ..... 89-93 %
Assay (G.C.) (as 2-Methyl-1-Butanol) ..... 7-11 %
Density at 20/4 0,808-0,818
Distillation range ..... 128-132°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,005 %
Furfuraldehyde and other organic impurities ..... p/t.
Fat ..... p/t.
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
125715.1611	1000 ml	6

Amyl Alcohol according to Van Gulik (ISO 3433:2008) PA

for determination of fat in cheese

$C_5H_{12}O$

M: 88,15 NC: 2905 19 00 E.C.: 603-006-00-7 UN: 1105 ADR: 3/III

IMDG: 3/III IATA: 3/III PAX: 309 CAO: 310 (D/E)

Signal Word: Warning



H226-H332-H335-EUH066

1l~0,813kg 1kg~1,230l

SPECIFICATIONS:

Minimum assay (G.C.) (as 1-Pentanol + 2-Methyl-1-Butanol) ..... 98 %
Density at 20/4 0,808-0,818
Distillation range ..... 128-138°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,005 %
Furfuraldehyde and other organic impurities ..... p/t.
Fat ..... p/t.
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
126946.1611	1000 ml	6

n-Amyl Alcohol

(see 1-Pentanol)

iso-Amyl Alcohol

(see 3-Methyl-1-Butanol)

iso-Amyl Alcohol according to Gerber

(see 3-Methyl-1-Butanol according to Gerber)

4-Amylbenzoyl Chloride

(see 4-Pentylbenzoyl Chloride)

Amyl Bromide

(see 1-Bromopentane)

iso-Amyl Nitrite

(see Isoamyl Nitrite)

Aniline (Reag. Ph. Eur.) PA-ACS

$C_6H_5NH_2$

M: 93,13 CAS: 62-53-3 EINECS: 200-539-3 NC: 2921 41 00 UN: 1547
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H331-H311-H301-H351-H318-H317-H372-H341-H400

1l~1,022kg 1kg~0,978l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	1,021-1,023

MAXIMUM LIMIT OF IMPURITIES

APHA colour	250
Residue on ignition	0,005 %
Chlorobenzene (G.C.)	0,01 %
Hydrocarbons	p/t.
Nitrobenzene (G.C.)	0,001 %
Water (H_2O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
131156.1609	250 ml	6

Aniline PRS

$C_6H_5NH_2$

M: 93,13 CAS: 62-53-3 EINECS: 200-539-3 NC: 2921 41 00 UN: 1547
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H331-H311-H301-H351-H318-H317-H372-H341-H400

1l~1,022kg 1kg~0,978l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,021-1,023
Residue on ignition	0,01 %
Nitrobenzene (G.C.)	0,01 %
Water (H_2O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141156.1611	1000 ml	6
141156.1214	5 l	4
141156.0718	60 l	

Aniline, 99% PS

$C_6H_5NH_2$

M: 93,13 CAS: 62-53-3 EINECS: 200-539-3 NC: 2921 41 00 UN: 1547
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H331-H311-H301-H351-H318-H317-H372-H341-H400

1l~1,022kg 1kg~0,978l

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151156.1611	1000 ml	6
151156.1612	2,5 l	4

Aniline Blue WS (C.I. 42755) DC

for microscopy, collagen staining

$C_{32}H_{25}N_3Na_2O_9S_3$

M: 737,74 CAS: 28631-66-5 EINECS: 249-113-9 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in H_2O	585-595 nm
Ratio λmax. P ± 15 nm	1,00-1,03
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	10 %

Order code	Package	Units/Box st.
253708.1604	5 g	6
253708.1606	25 g	6

Aniline Hydrochloride

(see Anilinium Chloride)

Anilinium Chloride PA

$C_6H_5NH_2.HCl$

M: 129,60 CAS: 142-04-1 EINECS: 205-519-8 NC: 2921 41 00 UN: 1548
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H351-H341-H331-H311-H301-H318-H317-H400-H372

SPECIFICATIONS:

Minimum assay (Arg)	99,0 %
Identity	IR p/t.
Melting range	197-199°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	p/t.
Residue on ignition (as SO_4)	0,05 %
Sulphate (SO_4)	0,01 %
Cu	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
121157.1610	500 g	6

Anilinium Chloride, 99% PS

$C_6H_5NH_2.HCl$

M: 129,60 CAS: 142-04-1 EINECS: 205-519-8 NC: 2921 41 00 UN: 1548
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H351-H341-H331-H311-H301-H318-H317-H400-H372

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.
Melting range	197-199°C

Order code	Package	Units/Box st.
151157.1608	100 g	6
151157.1610	500 g	6

p-Anisaldehyde

(see 4-Methoxybenzaldehyde)

p-Anisic Acid

(see 4-Methoxybenzoic Acid)

Anisic Aldehyde

(see 4-Methoxybenzaldehyde)

Anisole, 99% PS

C_7H_8O

M: 108,14 CAS: 100-66-3 EINECS: 202-876-1 NC: 2909 30 90 UN: 2222
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H319-H335-H315

1l~0,993kg 1kg~1,006l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,993-0,994

Order code	Package	Units/Box st.
15A716.1611	1000 ml	6

9,10-Anthracenedione

(see Anthraquinone)

9-Anthracenemethanol, 98% PS

$C_{15}H_{12}O$

M: 208,26 CAS: 1468-95-7 EINECS: 215-998-5 NC: 2906 29 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A137.1604	5 g	6

Anthranilic Acid

(see 2-Aminobenzoic Acid)

Anthraquinone, 98% PS

$C_{14}H_8O_2$

M: 208,22 CAS: 84-65-1 EINECS: 201-549-0 NC: 2914 61 00

SPECIFICATIONS:

Minimum assay (Spectrophotometric) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 283-286°C

Order code	Package	Units/Box st.
15A718.1209	250 g	6
15A718.1210	500 g	6
15A718.0914	5 kg	

Anthrone (Reag. Ph. Eur.) PA-ACS

$C_{14}H_{10}O$

M: 194,22 CAS: 90-44-8 EINECS: 201-994-0 NC: 2914 39 00

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 154,5-157,5°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in $CH_3COOC_2H_5$ ..... p/t.
Insoluble matter in CH_4C ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Sensitivity to carbohydrates ..... p/t.
Absorbance ..... p/t.
Anthranol ..... p/t.
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %
Sn ..... 0,005 %

Order code	Package	Units/Box st.
132441.1605	10 g	6
132441.1606	25 g	6

Anthrone, 98% PS

$C_{14}H_{10}O$

M: 194,22 CAS: 90-44-8 EINECS: 201-994-0 NC: 2914 39 00

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
162441.1606	25 g	6
162441.1608	100 g	6

Antimony metal, pieces QP

Sb

M: 121,75 CAS: 7440-36-0 EINECS: 231-146-5 NC: 8110 90 00

SPECIFICATIONS:

Bi ..... 0,05 %
Cd ..... 0,05 %
Cu ..... 0,05 %
Fe ..... 0,25 %
Ni ..... 0,1 %
Pb ..... 0,5 %
Sn ..... 0,1 %
Zn ..... 0,05 %

Order code	Package	Units/Box st.
212722.1208	100 g	6

ANTIMONY SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Antimony(III) Chloride, 98% PS

$SbCl_3$

M: 228,11 CAS: 10025-91-9 EINECS: 233-047-2 NC: 2827 39 85 UN: 1733
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H411

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... p/t.

Order code	Package	Units/Box st.
151815.1608	100 g	6
151815.1610	500 g	6

Antimony(III) Oxide PA

Sb_2O_3

M: 291,50 CAS: 1309-64-4 EINECS: 215-175-0 NC: 2825 80 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H351

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,05 %
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,01 %
Ca ..... 0,005 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
121158.1208	100 g	6
121158.1211	1000 g	6
121158.1214	5 kg	4

Antimony(III) Oxide QP

Sb_2O_3

M: 291,50 CAS: 1309-64-4 EINECS: 215-175-0 NC: 2825 80 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H351

SPECIFICATIONS:

Assay (Iodom.) ..... 98 %
Fe ..... 0,01 %
Pb ..... 0,2 %

Order code	Package	Units/Box st.
211158.1211	1000 g	6

Antimony(III) Potassium Tartrate

(see Potassium Antimony(III) Tartrate 3-hydrate)

APDC

(see 1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt)

AQUAMETRIC, KARL FISCHER'S REAGENTS WITHOUT PYRIDINE

AQUAMETRIC Buffer RV

working medium for volumetric Karl Fischer titrations.
Buffer capacity 5 mmol acid/ml

NC: 3822 00 00 UN: 3286
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H314-H370

1l~0,958kg 1kg~1,044l

SPECIFICATIONS:

Suitability for H_2O determination ..... p/t.
Protect from moisture.
Close the bottle immediatly after use.

Order code	Package	Units/Box st.
285820.1610	500 ml	6

AQUAMETRIC Composite 2RV

for volumetric Karl Fischer titrations. One-component reagent.
1 ml corresponds to 2 mg of H_2O

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H332-H312-H302-H314-H411

1l~1,110kg 1kg~0,901l

SPECIFICATIONS:
1 ml corresponds to: ..... min. 2,0 mg of H_2O*
Protect from moisture.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
285813.1611	1000 ml	6
285813.1612	2,5 l	4

AQUAMETRIC Composite 5 RV

for volumetric Karl Fischer titrations. One-component reagent.
1 ml corresponds to ~5 mg of H_2O

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H332-H312-H302-H314-H411

1l~1,170kg 1kg~0,855l

SPECIFICATIONS:
1 ml corresponds to: ..... min. 5,0 mg of H_2O*
Protect from moisture.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
285812.1610	500 ml	6
285812.1611	1000 ml	6
285812.1612	2,5 l	4

AQUAMETRIC Composite 5K RV

for volumetric Karl Fischer titrations in ketones and aldehydes.
One-component reagent. 1 ml corresponds to ~5 mg of H_2O

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H332-H312-H302-H314-H411

1l~1,170kg 1kg~0,855l

SPECIFICATIONS:
1 ml corresponds to: ..... min. 5,0 mg of H_2O*
Protect from moisture.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
285814.1610	500 ml	6
285814.1611	1000 ml	6

AQUAMETRIC Coulomat A RV

anolyte for the coulometric determination of water. Use with AQUAMETRIC Coulomat C

NC: 3822 00 00 UN: 3286

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H314-H370-H351-H373-H371

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:
Suitability for H_2O determination ..... p/t.
Contains: Methanol, Trichloromethane, Imidazole, Sulphur Dioxide, Iodine.

Order code	Package	Units/Box st.
286181.1610	500 ml	6

AQUAMETRIC Coulomat C RV

catholyte for the coulometric determination of water.Use with AQUAMETRIC Coulomat A

NC: 3822 00 00 UN: 3286

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H314-H370-H351-H361d-H372-EUH059

1l~1,004kg 1kg~0,996l

SPECIFICATIONS:
Suitability for H_2O determination ..... p/t.
Contains: Methanol, Iodine, Sulphur Dioxide, Diethanolamine, Carbon Tetrachloride.

Order code	Package	Units/Box st.
286182.1606	25 ml	6

AQUAMETRIC Formamide KF dry

(see Formamide AQUAMETRIC KF dry)

AQUAMETRIC Solvent RV

for volumetric Karl Fischer titrations. Use with AQUAMETRIC Titrant

NC: 3822 00 00 UN: 3286

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H314-H370

1l~0,877kg 1kg~1,140l

SPECIFICATIONS:
Suitability for H_2O determination ..... p/t.
Protect from moisture.
Close the bottle immediatly after use.

Order code	Package	Units/Box st.
285817.1611	1000 ml	6
285817.1612	2,5 l	4

AQUAMETRIC Solvent CM RV

for volumetric Karl Fischer titrations in oils and fats. Use with AQUAMETRIC Titrant

NC: 3822 00 00 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H319-H335-H315-H370-H351

1l~1,277kg 1kg~0,783l

SPECIFICATIONS:
Suitability for H_2O determination ..... p/t.
Protect from moisture.
Close the bottle immediatly after use.

Order code	Package	Units/Box st.
285819.1611	1000 ml	6
285819.1612	2,5 l	4

AQUAMETRIC Solvent Oil RV

for volumetric Karl Fischer titrations in oils. Free from halogenated hydrocarbons. Use with AQUAMETRIC Titrant

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l~0,833kg 1kg~1,200l

SPECIFICATIONS:
Suitability for H_2O determination ..... p/t.
Protect from moisture.
Close the bottle immediatly after use.

Order code	Package	Units/Box st.
285818.1611	1000 ml	6

AQUAMETRIC Solvent Oil B RV

for volumetric Karl Fischer titrations in used industrial oils. Use with AQUAMETRIC Composite 5

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H315-H351-H370-H373-H411-H361f-H304-H336

1l~0,967kg 1kg~1,034l

SPECIFICATIONS:
Suitability for H_2O determination ..... p/t.
Protect from moisture.
Close the bottle immediatly after use.

Order code	Package	Units/Box st.
286154.1611	1000 ml	6

AQUAMETRIC Titrant 2 RV

for volumetric Karl Fischer titrations.1 ml corresponds to min. 2,0 mg of H_2O (20°C).Use with AQUAMETRIC Solvent

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370-H411

1l~0,80kg 1kg~1,25l

SPECIFICATIONS:
1 ml corresponds to: ..... min. 2,0 mg of H_2O (20°C)*
Protect from moisture.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
285816.1610	500 ml	6
285816.1611	1000 ml	6
285816.1612	2,5 l	4

AQUAMETRIC Titrant 5 RV

for volumetric Karl Fischer titrations. 1 ml corresponds to min. 5,0 mg of H_2O (20°C)Use with AQUAMETRIC Solvent

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370-H411

1l~0,85kg 1kg~1,18l

SPECIFICATIONS:

1 ml corresponds to: ..... min. 5,0 mg of H_2O(20°C)*

Protect from moisture.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
285815.1610	500 ml	6
285815.1611	1000 ml	6
285815.1612	2,5 l	4

AQUAMETRIC Working Medium RV

for volumetric Karl Fischer titrations in ketones and aldehydes.
Use with AQUAMETRIC Composite 5K

NC: 3822 00 00 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H330-H310-H300-H315-H351-H373

1l~1,356kg 1kg~0,737l

SPECIFICATIONS:

Suitability for H_2O determination ..... p/t.

Protect from moisture.

Order code	Package	Units/Box st.
285821.1610	500 ml	6
285821.1611	1000 ml	6

Arabic Gum powder PRS

CAS: 9000-01-5 EINECS: 232-519-5 NC: 1301 20 00

SPECIFICATIONS:

Identity ..... IR p/t.
Insoluble matter in HCl ..... 0,5 %
Residue on ignition ..... 5 %
Loss on drying at 105°C ..... 15 %
Starch and Dextrins ..... p/t.
Saccharose and Fructose ..... p/t.
Tannins ..... p/t.
As ..... 0,0003 %
Cu ..... 0,002 %
Fe ..... 0,01 %
Ni ..... 0,002 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142061.1210	500 g	6
142061.1211	1000 g	6
142061.0914	5 kg	

Arabic Gum powder (E-414, F.C.C.) ADITIO

CAS: 9000-01-5 EINECS: 232-519-5 NC: 1301 20 00

SPECIFICATIONS:

Arsenic (as As), not more than ..... 3 ppm
Heavy metals (as Pb), not more than ..... 0,002 %
Lead, not more than ..... 5 ppm
Starch and Dextrin ..... p/t.
Tannin ..... p/t.
Insoluble matter, not more than ..... 1,0 %
Ash (acid-insoluble), not more than ..... 0,5 %
Ash (total), not more than ..... 4,0 %
Loss on drying, not more than ..... 15,0 %
Mercury, not more than ..... 1 ppm
Cadmium, not more than ..... 1 ppm
Products obtained from hydrolysis
(mannose, xylose, galacturonic acid) ..... absence
Escherichia coli (in 5 g) ..... absence
Salmonella (in 10 g) ..... absence
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202061.0914	5 kg	
202061.0416	25 kg	

L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{14}N_4O_2$

M: 174,20 CAS: 74-79-3 EINECS: 200-811-1 NC: 2925 29 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) calc. a.d.s. ..... 98,5-101,0 %
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}/D$ c=8 (in HCl 6 mol/l)calc. a.d.s. ..... +26,3 to+27,6°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonia (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Fe ..... 0,001 %
Residual metals ICP
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn). ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
143464.1208	100 g	6
143464.1211	1000 g	6

L-Arginine (F.C.C.) ADITIO

$C_6H_{14}N_4O_2$

M: 174,20 CAS: 74-79-3 EINECS: 200-811-1 NC: 2925 29 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay ($C_6H_{14}N_4O_2$) calc. a.d.s 99,5-101,5%
Appearance ..... p/t
Identity:
IR spectrum ..... p/t.
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 1,0 %
Residue on ignition, not more than ..... 0,2 %
Specific rotation $[\alpha]^{20}/D$ calc. a.d.s. ..... +26,0 to +27,9°
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
203464.0914	5 kg	
203464.0416	25 kg	

L-Arginine, 99% PS

$C_6H_{14}N_4O_2$

M: 174,20 CAS: 74-79-3 EINECS: 200-811-1 NC: 2925 29 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
153464.1606	25 g	6
153464.1608	100 g	6
153464.1610	500 g	6

A

L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{15}ClN_4O_2$

M: 210,66 CAS: 1119-34-2 EINECS: 214-275-1 NC: 2925 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s	98,5-101,0%
Assay (in Cl) (Arg.)	16,5-17,1 %
Identity according to Pharmacopoeias	p/t.
T.L.C	p/t.
Specific Rotation $[\alpha]^{20}$/D c=8 (in HCl 6 mol/l) calc. a.d.s.	+21,4 to+23,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	0,2 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t.
Sulphate (SO_4)	0,03 %
Ammonium (NH_4)	0,02 %
Heavy metals (as Pb)	0,001 %
As	0,00015 %
Fe	0,001 %
Residual metals ICP:	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
144653.1209	250 g P	6
144653.1211	1000 g P	6

Arsenazo III (Reag. USP) PA

for complexometry

$C_{22}H_{18}As_2N_4O_{14}S_2$

M: 776,38 CAS: 1668-00-4 EINECS: 216-788-6 NC: 2931 00 95 UN: 3465
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in pH 10,0 solution	572-578 nm
A 1%, 1 cm, λ max	>300

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH	p/t.
Loss on drying at 135°C	10 %
Suitability as indicator	p/t.

Order code	Package	Units/Box st.
122370.1603	1 g	6

ARSENIC SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Arsenic(III) Oxide EQP-ACS

Primary Chemical Matter

As_2O_3

M: 197,84 CAS: 1327-53-3 EINECS: 215-481-4 NC: 2811 29 10 UN: 1561
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H300-H314-H410

SPECIFICATIONS:

Assay (Redox) after dried at 105°C	99,95-100,05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,01 %
Residue on ignition	0,02 %
Chloride (Cl)	0,005 %
Sulphide (S)	0,001 %
Heavy metals (as Pb)	0,001 %
Ca	0,005 %
Cd	0,001 %
Co	0,001 %
Cr	0,001 %
Cu	0,001 %
Fe	0,0005 %
K	0,005 %
Mg	0,005 %
Mn	0,001 %
Na	0,005 %
Ni	0,001 %
Pb	0,001 %
Sb	0,05 %
Zn	0,001 %

Order code	Package	Units/Box st.
241151.1521	10 x 1,5 g	6
241151.1608	100 g	6

Arsenic(III) Oxide (Reag. Ph. Eur.) PA

As_2O_3

M: 197,84 CAS: 1327-53-3 EINECS: 215-481-4 NC: 2811 29 10 UN: 1561
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H300-H314-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH_4OH	0,01 %
Residue on ignition	0,05 %
Chloride (Cl)	0,005 %
Sulphide (S)	0,001 %
Cd	0,001 %
Co	0,001 %
Cr	0,001 %
Cu	0,001 %
Fe	0,001 %
K	0,005 %
Mg	0,005 %
Mn	0,001 %
Na	0,005 %
Ni	0,001 %
Pb	0,001 %
Sb	0,05 %
Zn	0,001 %

Order code	Package	Units/Box st.
121151.1210	500 g P	6
121151.1211	1000 g P	6
121151.1214	5 kg P	4
121151.0716	25 kg P	

Arsenic(III) Oxide PRS

As_2O_3

M: 197,84 CAS: 1327-53-3 EINECS: 215-481-4 NC: 2811 29 10 UN: 1561
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H300-H314-H410

SPECIFICATIONS:

Assay (Iodom.)	98 %
Insoluble matter in NH_4OH	0,02 %
Residue on ignition	0,1 %
Chloride (Cl)	0,005 %
Sulphide (S)	0,005 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %
Sb	0,1 %

Order code	Package	Units/Box st.
141151.1210	500 g P	6
141151.1211	1000 g P	6

Arsenious anhydride

(see Arsenic(III) Oxide)

Arzene

(see Phenylarsine Oxide)

L(+)-Ascorbic Acid PA-ACS

$C_6H_8O_6$

M: 176,13 CAS: 50-81-7 EINECS: 200-066-2 NC: 2936 27 00

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
Identity	IR p/t.
Melting range	188-192°C
Specific rotation $[\alpha]^{20}$/D c=10 (in H_2O)	+20,5 to+21,5°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,1 %
Residue on ignition (as SO_4)	0,05 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,002 %
Heavy metals (as Pb)	0,001 %
Cu	0,00003 %
Fe	0,0002 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131013.1208	100 g P	6
131013.1209	250 g P	6
131013.1211	1000 g P	6
131013.1214	5 kg P	4
131013.0416	25 kg PP	

L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_8O_6$

M: 176,13 CAS: 50-81-7 EINECS: 200-066-2 NC: 2936 27 00

SPECIFICATIONS:

Assay (Iodom.) 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in H_2O) ..... +20,5 to+21,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Oxalic acid ..... 0,2 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,025 %
Sulphate (SO_4) ..... 0,01 %
Related substances:
D-Sorbosonic Acid ..... 0,1 %
Methyl-D-Sorbosonate ..... 0,15 %
Other impurities ..... 0,10 %
Total impurities ..... 0,2 %
Heavy metals (as Pb) ..... 0,001 %
Cu ..... 0,0005 %
Fe ..... 0,0002 %

Order code	Package	Units/Box st.
141013.1211	1000 g (P)	6
141013.1214	5 kg (P)	4

L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO

$C_6H_8O_6$

M: 176,13 CAS: 50-81-7 EINECS: 200-066-2 NC: 2936 27 00

SPECIFICATIONS:

Assay (as $C_6H_{14}O_6$) (after drying) 99,0-100,5%
Arsenic (as As), not more than ..... 3 ppm
Lead, not more than ..... 2 ppm
Heavy metals (as Pb), not more than ..... 0,001 %
Residue on ignition, not more than ..... 0,1 %
Specific rotation $[\alpha]^{20}$/D ..... +20,5 to+21,5°
pH of 2% solution 2,4-2,8
Loss on drying, not more than ..... 0,4 %
Melting range ..... 189-193°C
Mercury (Hg), not more than ..... 1 ppm
Insoluble matter in H2O at 20ºC, not more than ..... 0,003 %
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201013.1214	5 kg (P)	4
201013.0416	25 kg (PP)	

L-Asparagine 1-hydrate, 99% PS

$C_4H_8N_2O_3.H_2O$

M: 150,13 CAS: 5794-13-8 EINECS: 200-735-9 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15B089.1606	25 g	6
15B089.1609	250 g	6

L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

$C_4H_7NO_4$

M: 133,10 CAS: 56-84-8 EINECS: 200-291-6 NC: 2922 49 95

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. ..... 98,5-101,5 %
Identity according to Pharmacopoeias ..... p/t.
T.L.C. ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=8 (in HCl 7 mol/l) (calc. a.d.s.) ..... +24,0 to +26,0°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in HCl 1 mol/l ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142034.1210	500 g (P)	6

L-Aspartic Acid (F.C.C.) ADITIO

$C_4H_7NO_4$

M: 133,10 CAS: 56-84-8 EINECS: 200-291-6 NC: 2922 49 95

SPECIFICATIONS:

Assay (as $C_4H_7NO_4$) calc. a.d.s 98,5-101,5%
Heavy metals (as Pb), not more than ..... 10 ppm
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,25 %
Residue on ignition, not more than ..... 0,1 %
Specific rotation $[\alpha]^{20}$/D calc. a.d.s. ..... +24,5 to +26,0°
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202034.0914	5 kg (PP)	

L-Aspartic Acid, 99% PS

$C_4H_7NO_4$

M: 133,10 CAS: 56-84-8 EINECS: 200-291-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
162034.1208	100 g (P)	6
162034.1210	500 g (P)	6

DL-Aspartic Acid PRS

$C_4H_7NO_4$

M: 133,10 CAS: 617-45-8 EINECS: 210-513-3 NC: 2922 49 95

SPECIFICATIONS:

Assay (Perchl. Ac.) ..... 99 %
Identity ..... IR p/t.
Insoluble matter in HCl 1 mol/l ..... 0,05 %
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142422.1210	500 g (P)	6

DL-Aspartic Acid (F.C.C.) ADITIO

$C_4H_7NO_4$

M: 133,10 CAS: 617-45-8 EINECS: 210-513-3 NC: 2922 49 95

SPECIFICATIONS:

Assay (as $C_4H_7NO_4$) calc. a.d.s 98,5-101,5%
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,3 %
Residue on ignition, not more than ..... 0,1 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202422.0914	5 kg (PP)	

ATOMIC ABSORPTION STANDARDS

(see Standards for Atomic Absorption)

Auramine O (C.I. 41000) DC

for microscopy, fluorescent staining

$C_{17}H_{22}ClN_3$

M: 303,84 CAS: 2465-27-2 EINECS: 219-567-2 NC: 3204 13 00 UN: 3143
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H319-H351-H411

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 429-433 nm
A 1%; 1cm; λmax ..... >900
Ratio λmax. P ± 15 nm 1,02-1,10
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
251162.1607	50 g	6
251162.1608	100 g	6

Aurine

(see Rosolic Acid)

A

Azidiol RE

for preserving milk samples
NC: 3822 00 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger


H301-H413

1l~1,035kg 1kg~0,966l
Composition:
Chloramphenicol ..... 0,75 g
Ethanol absolute ..... 10 ml
Bromophenol Blue ..... 0,35 g
Sodium Azide ..... 18 g
tri-Sodium Citrate 5,5-hydrate ..... 45 g
Water s.q.m. ..... 1000 ml

Order code	Package	Units/Box st.
176131.1611	1000 ml	6

Azomethine H (Reag. Ph. Eur.) PA

boron reagent
$C_{17}H_{13}NO_8S_2$
M: 423,42 CAS: 32266-60-7 EINECS: 250-975-3 NC: 2925 29 00
SPECIFICATIONS:
Identity ..... IR p/t.
A 1%; 1cm; λ236 nm; at pH 5,1 ..... >1200
MAXIMUM LIMIT OF IMPURITIES
Sensitivity to B ..... p/t.

Order code	Package	Units/Box st.
123581.1604	5 g	6
123581.1605	10 g	6

Azorubin S

(see Amaranth)

Azoviolet

(see Magneson I)

Azur II (C.I. 52010+52015) DC

for microscopy, blood smears staining
CAS: 37247-10-2 NC: 3204 13 00
SPECIFICATIONS:
λ of max. ABS in H_2O 652-658
A 1%; 1 cm; λmax. ..... > 800

Order code	Package	Units/Box st.
251178.1606	25 g	6

Azur B (C.I. 52010) DC

for microscopy
$C_{15}H_{16}N_3SCl$
M: 305,83 CAS: 531-55-5 EINECS: 208-511-2 NC: 3204 13 00
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 647-655 nm
A 1%, 1 cm, λmax ..... >1200
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 8 %

Order code	Package	Units/Box st.
255075.1606	25 g	6

Azur C (C.I. 52002) DC

for microscopy, blood smears staining
CAS: 531-57-7 EINECS: 208-512-8 NC: 3204 13 00
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 619-634 nm
A 1%, 1 cm, λmax ..... >600
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 8 %

Order code	Package	Units/Box st.
252419.1606	25 g	6

Azur-Eosin-Methylene Blue dye according to Giemsa DC

for hematology, blood smears and protozoos staining
CAS: 51811-82-6 EINECS: 257-438-2 NC: 3204 19 00
SPECIFICATIONS:
λ_1 of max. ABS in CH_3OH ..... 525-535 nm
λ_2 of max. ABS in CH_3OH ..... 645-655 nm
A 1%; 1 cm; λ_1 max ..... >300
A 1%; 1 cm; λ_2 max ..... >800
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 10 %

Order code	Package	Units/Box st.
251337.1606	25 g	6
251337.1608	100 g	6

Azur-Eosin-Methylene Blue solution according to Giemsa (slow) DC

for hematology, blood smears and protozoos staining
NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H331-H311-H301-H370

1l~1,058kg 1kg~0,945l
SPECIFICATIONS:
Composition:
Azur-Eosin-Methylene Blue dye according to Giemsa ..... 0,5 g
Methanol ..... 50 ml
Glycerol ..... 50 ml

Order code	Package	Units/Box st.
251338.1608	100 ml	6
251338.1610	500 ml	6
251338.1611	1000 ml	6
251338.1612	2,5 l	4

Barbital

(see 5,5-Diethylbarbituric Acid)

Barbital Sodium

(see Sodium 5,5-Diethylbarbiturate)

BARIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Barium Acetate PA-ACS

$Ba(CH_3COO)_2$
M: 255,43 CAS: 543-80-6 EINECS: 208-849-0 NC: 2915 29 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H302

SPECIFICATIONS:
Assay (Compl.) 99,0-102,0%
pH of 5% solution 7,0-8,5
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Oxidizing substances (as NO_3) ..... 0,005 %
Chloride (Cl) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,05 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
K ..... 0,003 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Sr ..... 0,2 %

Order code	Package	Units/Box st.
131180.1210	500 g	6
131180.1211	1000 g	6

Barium Acetate PRS

$Ba(CH_3COO)_2$
M: 255,43 CAS: 543-80-6 EINECS: 208-849-0 NC: 2915 29 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H302

SPECIFICATIONS:
Assay (Compl.) ..... 98 %
pH of 5% solution 7,0-8,5
Insoluble matter in H_2O ..... 0,02 %
Chloride (Cl) ..... 0,005 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141180.1210	500 g	6
141180.1211	1000 g	6
141180.0416	25 kg	

Barium Carbonate (Reag. Ph. Eur.) PA-ACS

$BaCO_3$

M: 197,35 CAS: 513-77-9 EINECS: 208-167-3 NC: 2836 60 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.) 99,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,015 %
Alkalinity ..... 0,002 meq/g
Oxidizing substances (as NO_3) ..... 0,005 %
Non-precipitat. subst. by H_2SO_4 (as SO_4) ..... 0,2 %
Chloride (Cl) ..... 0,002 %
Sulphide (S) ..... 0,001 %
Heavy metals (as Pb) ..... 0,001 %
Ca ..... 0,05 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Sr ..... 0,1 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131181.1209	250 g	6
131181.1211	1000 g	6

Barium Carbonate PA

$BaCO_3$

M: 197,35 CAS: 513-77-9 EINECS: 208-167-3 NC: 2836 60 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,015 %
Oxidizing substances (as NO_3) ..... 0,005 %
Non-precipitated substances by H_2SO_4 ..... 0,5 %
Alkaline carbonates and hydroxides ..... p/t.
Chloride (Cl) ..... 0,002 %
Sulphide (S) ..... 0,001 %
Ca ..... 0,05 %
Cu ..... 0,001 %
Fe ..... 0,002 %
K ..... 0,005 %
Na ..... 0,01 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121181.1210	500 g	6
121181.1211	1000 g	6
121181.0914	5 kg	
121181.0416	25 kg	

Barium Carbonate PRS

$BaCO_3$

M: 197,35 CAS: 513-77-9 EINECS: 208-167-3 NC: 2836 60 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Insoluble matter in HCl ..... 0,05 %
Chloride (Cl) ..... 0,05 %
Sulphide (S) ..... 0,001 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141181.1210	500 g	6
141181.1211	1000 g	6
141181.0914	5 kg	
141181.0416	25 kg	

Barium Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$BaCl_2.2H_2O$

M: 244,28 CAS: 10326-27-9 EINECS: 233-788-1 NC: 2827 39 85 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H332-H301

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99,0 %
pH of 5% solution 5,2-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 150°C ..... 14,0-16,0 %
N compounds (as N) ..... 0,002 %
Oxidizing substances (as NO_3) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0002 %
K ..... 0,0025 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Sr ..... 0,01 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131182.1210	500 g	6
131182.1211	1000 g	6
131182.1214	5 kg	4
131182.0416	25 kg	

Barium Chloride 2-hydrate PRS

$BaCl_2.2H_2O$

M: 244,28 CAS: 10326-27-9 EINECS: 233-788-1 NC: 2827 39 85 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H332-H301

SPECIFICATIONS:

Assay (Compl.) ..... 99-102 %
pH of 5% solution 5,2-8,0
Insoluble matter in H_2O ..... 0,02 %
Nitrogen compounds (as N) ..... 0,003 %
Ca ..... 0,2 %
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %
Sr ..... 0,2 %

Order code	Package	Units/Box st.
141182.1210	500 g	6
141182.1211	1000 g	6
141182.1214	5 kg	4
141182.0416	25 kg	

BARIUM CHLORIDE SOLUTIONS

Barium Chloride solution 10% w/v RE

for identification and quantitative determination of sulphates
$BaCl_2.2H_2O$

M: 244,28 CAS: 10361-37-2 EINECS: 233-788-1 NC: 2827 39 85 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H332-H302

1l~1,087kg 1kg~0,920l

Composition:
Barium Chloride 2-hydrate ..... 12 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
171183.1210	500 ml	6

B

Barium Chloride 0,1 mol/l (0,1M) SV

Indicator: Mixed of Phthalein Purple
$BaCl_2.2H_2O$
M: 244,28 CAS: 10361-37-2 EINECS: 233-788-1 NC: 2827 39 85
1l~1,016kg 1kg~0,984l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181184.1211	1000 ml (P)	6

Barium Chromate (C.I. 77103) PA

$BaCrO_4$
M: 253,32 CAS: 10294-40-3 EINECS: 233-660-5 NC: 2841 50 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H332-H302

SPECIFICATIONS:
Minimum assay (Iodom.) ..... 99 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in HCl ..... 0,1 %
Chloride (Cl) ..... 0,01 %
Soluble chromates (as CrO_3) ..... 0,05 %
Fe ..... 0,002 %

Order code	Package	Units/Box st.
121187.1209	250 g (P)	6
121187.1211	1000 g (P)	6

Barium Chromate (C.I. 77103) PRS

$BaCrO_4$
M: 253,32 CAS: 10294-40-3 EINECS: 233-660-5 NC: 2841 50 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H332-H302

SPECIFICATIONS:
Assay (Iodom.) ..... 98,0 %
Insoluble matter in HCl ..... 0,1 %
Chloride (Cl) ..... 0,05 %
Fe ..... 0,1 %

Order code	Package	Units/Box st.
141187.1210	500 g (P)	6
141187.1211	1000 g (P)	6
141187.1214	5 kg (P)	4

Barium Diphenylamine 4-Sulphonate

(see 4-(Phenylamino) Benzenesulfonic Acid Barium Salt)

Barium Fluoride PRS

BaF_2
M: 175,34 CAS: 7787-32-8 EINECS: 232-108-0 NC: 2826 19 90 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H332-H302

SPECIFICATIONS:
Assay (Compl.) ..... 98 %
Chloride (Cl) ..... 0,05 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142224.1210	500 g (P)	6
142224.1214	5 kg (P)	4

Barium Hydroxide 8-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$Ba(OH)_2.8H_2O$
M: 315,48 CAS: 12230-71-6 EINECS: 241-234-5 NC: 2816 40 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H332-H302-H319-H315

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 98,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in HCl ..... 0,005 %
Carbonate (as $BaCO_3$) ..... 2,0 %
Chloride (Cl) ..... 0,001 %
Sulphide (S) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,05 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
K ..... 0,005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Sr ..... 0,8 %

Order code	Package	Units/Box st.
131188.1210	500 g (P)	6
131188.1211	1000 g (P)	6
131188.1214	5 kg (P)	4
131188.0416	25 kg (PP)	

Barium Hydroxide 8-hydrate PRS

$Ba(OH)_2.8H_2O$
M: 315,48 CAS: 12230-71-6 EINECS: 241-234-5 NC: 2816 40 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H332-H302-H319-H315

SPECIFICATIONS:
Assay (Acidim.) ..... 97 %
Insoluble matter in HCl ..... 0,02 %
Chloride (Cl) ..... 0,05 %
Sulphide (S) ..... 0,005 %
Cu ..... 0,002 %
Fe ..... 0,003 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141188.1210	500 g (P)	6
141188.1211	1000 g (P)	6
141188.1214	5 kg (P)	4
141188.0416	25 kg (PP)	

Barium Nitrate PA-ACS

$Ba(NO_3)_2$
M: 261,35 CAS: 10022-31-8 EINECS: 233-020-5 NC: 2834 29 20 UN: 1446
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning

H332-H302

SPECIFICATIONS:
Minimum assay (Compl.) ..... 99,0 %
pH of 5% solution 5,0-8,0
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Chloride (Cl) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,05 %
Cu ..... 0,0005 %
Fe ..... 0,0002 %
K ..... 0,005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Sr ..... 0,1 %

Order code	Package	Units/Box st.
131190.1210	500 g (P)	6
131190.1214	5 kg (P)	4
131190.0416	25 kg (PP)	

Barium Nitrate PRS

$Ba(NO_3)_2$

M: 261,35 CAS: 10022-31-8 EINECS: 233-020-5 NC: 2834 29 20 UN: 1446
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,02 %
Acidity (as HNO_3)	0,01 %
Chloride (Cl)	0,005 %
Ca	0,1 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %
Sr	0,1 %

Order code	Package	Units/Box st.
141190.1210	500 g	6
141190.1211	1000 g	6
141190.1214	5 kg	4
141190.0416	25 kg	

Barium Oxide, 97% PS

BaO

M: 153,34 CAS: 1304-28-5 EINECS: 215-127-9 NC: 2816 40 00 UN: 1884
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332-H302-H319-H315

SPECIFICATIONS:

Minimum assay (Compl.)	97 %

Order code	Package	Units/Box st.
15A721.1208	100 g	6
15A721.1209	250 g	6

Barium Perchlorate anhydrous PRS

$Ba(ClO_4)_2$

M: 336,24 CAS: 13465-95-7 EINECS: 236-710-4 NC: 2829 90 10 UN: 1447
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H271-H332-H302

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,1 %
Chloride (Cl)	0,1 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142839.1209	250 g	6
142839.1214	5 kg	4

Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV

Indicator: Mixed of Phthalein Purple
$Ba(ClO_4)_2$

M: 336,24 CAS: 13465-95-7 EINECS: 236-710-4 NC: 2829 90 10 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,841kg 1kg~1,189l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
182131.1211	1000 ml	6

Barium Sulphate PA

(not suitable for internal use)
$BaSO_4$

M: 233,40 CAS: 7727-43-7 EINECS: 231-784-4 NC: 2833 27 00

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition	2 %
Organic matter	p/t.
Soluble salts	0,25 %
Soluble barium salts (as Ba)	0,001 %
Acidity or alkalinity	p/t.
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Silicate	p/t.
Sulphide	p/t.
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121191.1210	500 g	6

Barium Sulphate PRS

(not suitable for internal use)
$BaSO_4$

M: 233,40 CAS: 7727-43-7 EINECS: 231-784-4 NC: 2833 27 00

SPECIFICATIONS:

Loss on ignition	2 %
Soluble salts	0,5 %
Acidity or alkalinity	p/t.
Chloride (Cl)	0,05 %
Sulphide	p/t.
As	0,0001 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141191.1210	500 g	6
141191.1211	1000 g	6
141191.1214	5 kg	4
141191.0416	25 kg	

Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX

$BaSO_4$

M: 233,40 CAS: 7727-43-7 EINECS: 231-784-4 NC: 2833 27 00

SPECIFICATIONS:

Minimum assay	85,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition	1,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Oxidable sulphur compounds	p/t.
Sedimentation	p/t.
Soluble salts in acid	0,3 %
Soluble barium salts (as Ba) according to Ph. Eur.	0,001 %
Soluble barium salts (as Ba) according to BP	p/t.
Soluble barium salts (as Ba) according to USP	0,001 %
Acidity or alkalinity	p/t.
Phosphate (PO_4)	0,005 %
Sulphide	0,00005 %
Heavy metals (as Pb)	0,001 %
As	0,00008 %

Order code	Package	Units/Box st.
142465.1214	5 kg	4
142465.0416	25 kg	

Baryta Water saturated solution RE

$Ba(OH)_2.8H_2O$

M: 315,48 CAS: 12230-71-6 EINECS: 241-234-5 NC: 2816 40 00
1l~1,020kg 1kg~0,980l

Composition:

Barium Hydroxyde 8-hydrate	5 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
171071.1610	500 ml	6

Basic Blue 17

(see Toluidine Blue O)

Basic Blue 26

(see Victoria Blue B)

Basic Brown 1

(see Bismarck Brown Y)

Basic Brown 4

(see Bismarck Brown R)

Basic Green 1
(see Brilliant Green)

Basic Green 4
(see Malachite Oxalate Green)

Basic Orange 14
(see Acridine Orange)

Basic Red 2
(see Safranine O)

Basic Red 5
(see Neutral Red)

Basic Violet 1
(See Methyl Violet)

Basic Violet 3
(see Crystal Violet)

Basic Violet 4
(see Ethyl Violet)

Basic Violet 10
(see Rhodamine B)

Basic Violet 14
(see Fuchsin Basic)

Basic Yellow 2
(see Auramine O)

Bathophenanthroline PA
Fe reagent
$C_{24}H_{16}N_2$
M: 332,41 CAS: 1662-01-7 EINECS: 216-767-1 NC: 2933 99 90
SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 218-220°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Sensitivity to Fe ..... p/t.

Order code	Package	Units/Box st.
122089.1603	1 g	6

Benedict's Reagent qualitative DC
for determination of glucose in urine
NC: 3822 00 00
H412
1l~1,153kg 1kg~0,867l
Composition:
Sodium Carbonate anhydrous ..... 153,6 g
Citric Acid 1-hydrate ..... 70,9 g
Copper(II) Sulphate 5-hydrate ..... 15,6 g
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
251550.1210	500 ml	6
251550.1211	1000 ml	6

Benedict's Reagent quantitative DC
for determination of glucose
NC: 3822 00 00
H412
1l~1,231kg 1kg~0,812l
Composition:
Copper(II) Sulphate 5-hydrate ..... 17,39 g
Sodium Carbonate anhydrous ..... 73,9 g
tri-Potassium Citrate 1-hydrate ..... 201,1 g
Potassium Thiocyanate ..... 114,1 g
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
251551.1210	500 ml	6
251551.1211	1000 ml	6

Benzaldehyde, 99% PS
C_6H_5CHO
M: 106,13 CAS: 100-52-7 EINECS: 202-860-4 NC: 2912 21 00 UN: 1990
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 907 CAO: 907
Signal Word: Warning
H302
1l~1,045kg 1kg~0,957l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,044-1,046
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161887.1611	1000 ml	6
161887.1214	5 l	4
161887.0716	25 l	

Benzalkonium Chloride
(see Alkylbenzyldimethylammonium Chloride)

Benzamide, 98% PS
C_7H_7NO
M: 121,14 CAS: 55-21-0 EINECS: 200-227-7 NC: 2924 29 95
Signal Word: Warning
H302-H341
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A317.1608	100 g	6
15A317.1610	500 g	6

1-Benzazol
(see Indole)

Benzene (UV-IR-HPLC-GPC) PAI-ACS
C_6H_6
M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger
H350-H340-H225-H319-H315-H370-H304
1l~0,879kg 1kg~1,138l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,8 %
Density at 20/4 0,877-0,878
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non volatile matter ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Darkened substances by H_2SO_4 ..... p/t.
Thiophene (C_4H_4S) ..... 0,0001 %
Sulphur compounds (as CS_2) ..... 0,0003 %
Water (H_2O) ..... 0,01 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	278 (Cut off)	280	285	290	300	320	340-450
A (AU)	1,000	0,602	0,155	0,097	0,046	0,022	0,009
T (%)	10	25	70	80	90	95	98

Fluorescence (as quinine):

λ (nm)	365
ppb	2

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 2,7
Eluotropic value ε° (Al_2O_3) 0,32
Sol.H_2O in solv. at 20°C 0,058
P' + 0,25 E 3,6
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361192.1611	1000 ml	6
361192.1612	2,5 l	4

Benzene dry (max. 0,005% water) DS-ACS-ISO

C_6H_6

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l~0,879kg 1kg~1,138l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,877-0,878
Freezing point	≥5,2°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Ethylbenzene (G.C.)	0,02 %
Toluene (G.C.)	0,05 %
Darkened substances by H_2SO_4	p/t.
Sulphur compounds (as CS_2)	0,0003 %
Acidity	0,0001 meq/g
Alkalinity	0,0001 meq/g
Water (H_2O)	0,005 %
Thiophene (C_4H_4S)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481192.1611	1000 ml	6

Benzene (Reag. Ph. Eur.) PA-ACS-ISO

C_6H_6

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l~0,879kg 1kg~1,138l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,877-0,878
Freezing point	≥5,2°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Darkened substances by H_2SO_4	p/t.
Sulphur compounds (as CS_2)	0,0003 %
Acidity	0,0001 meq/g
Alkalinity	0,0001 meq/g
Water (H_2O)	0,03 %
Thiophene (C_4H_4S)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131192.1611	1000 ml	6
131192.1612	2,5 l	4
131192.0314	5 l	4
131192.0616	25 l	

Benzene PRS

C_6H_6

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l~0,879kg 1kg~1,138l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,877-0,878
Non-volatile matter	0,005 %
Toluene (G.C.)	0,1 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H_2O)	0,1 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141192.1611	1000 ml	6
141192.1612	2,5 l	4
141192.0314	5 l	4
141192.0616	25 l	

Benzene, 99,8% PS

C_6H_6

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word:
Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l~0,879kg 1kg~1,138l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,877-0,878
Non-volatile matter	0,005 %
Water (H_2O)	0,03 %

Order code	Package	Units/Box st.
161192.1611	1000 ml	6
161192.1612	2,5 l	4
161192.1714	5 l	4
161192.0616	25 l	

Benzene-D6 deuteration degree min. 99,95% (NMR) PAI

C_6D_6

M: 84,15 CAS: 1076-43-3 EINECS: 214-061-8 NC: 2845 90 10 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l~0,95kg 1kg~1,05l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,01 %

Order code	Package	Units/Box st.
745845.02130	10 x 0,75 ml	6
745845.1605	10 ml	6

Benzene-D6 deuteration degree min. 99,8% (NMR) PAI

C_6D_6

M: 84,15 CAS: 1076-43-3 EINECS: 214-061-8 NC: 2845 90 10 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l~0,95kg 1kg~1,05l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,02 %

Order code	Package	Units/Box st.
745844.02130	10 x 0,75 ml	6
745844.1605	10 ml	6

Benzene-D6 deuteration degree min. 99,5% (NMR) PAI

C_6D_6

M: 84,15 CAS: 1076-43-3 EINECS: 214-061-8 NC: 2845 90 10 UN: 1114
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l~0,95kg 1kg~1,05l

SPECIFICATIONS:
Deuteration degree min. ..... 99,5 %
NMR suitability ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745843.1605	10 ml	6

Benzenearsonic Acid

(see Phenylarsonic Acid)

Benzenecarbonyl Chloride

(see Benzoyl Chloride)

Benzene Chloride

(see Chlorobenzene)

1,3-Benzenediol

(see Resorcinol)

(R)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Benzethonium Chloride (Reag. Ph. Eur.) PA

for titration of anionic surfactants
$C_{27}H_{42}ClNO_2$

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:
Minimum assay (Arg.) calc. a.d.s. ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 158-163°C
pH 10% solution 5,0-6,5
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 5,0 %
Residue on ignition (as SO_4) ..... 0,05 %
Water (H_2O) ..... 5,0 %
Sulphate (SO_4) ..... 0,005 %
Al ..... 0,0005 %
Ba ..... 0,0005 %
Ca ..... 0,002 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
123083.1209	250 g	6

Benzethonium Chloride (USP, BP, Ph. Eur.) PRS-CODEX

$C_{27}H_{42}ClNO_2$

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:
Assay (calc. a.d.s.) ..... 97,0-103,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 158-163°C
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 5,0 %
Residue on ignition (as SO_4) ..... 0,1 %
Acidity or alkalinity ..... p/t.
Ammonium compounds ..... p/t.
Volatile bases and salts of volatile bases ..... 0,005 %

Order code	Package	Units/Box st.
143083.1209	250 g	6
143083.1211	1000 g	6

BENZETHONIUM CHLORIDE SOLUTIONS

Benzethonium Chloride 0,004 mol/l (0,004M) SV

for titration of anionic surfactants
$C_{27}H_{42}ClNO_2$

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00
1l~1,00kg 1kg~1,00l

SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
183141.1611	1000 ml	6

Benzethonium Chloride 0,01 mol/l (0,01N) SV

for titration of anionic surfactants
$C_{27}H_{42}ClNO_2$

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00
1l~1,00kg 1kg~1,00l

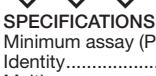
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
186228.1611	1000 ml	6

Benzidine PA

$(C_6H_4NH_2)_2$

M: 184,24 CAS: 92-87-5 EINECS: 202-199-1 NC: 2921 59 90 UN: 1885
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H302-H410

SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 127-129°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3COOH ..... p/t.
Loss on drying at 105°C ..... 1,0 %
Residue on ignition (as SO_4) ..... 0,1 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122295.1605	10 g	6
122295.1607	50 g	6

Benzidine, 99% PS

$(C_6H_4NH_2)_2$

M: 184,24 CAS: 92-87-5 EINECS: 202-199-1 NC: 2921 59 90 UN: 1885
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H302-H410

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 127-129°C

Order code	Package	Units/Box st.
162295.1608	100 g	6

Benzidinium di-Chloride PA

$C_{12}H_{12}N_2.2HCl$

M: 257,16 CAS: 531-85-1 EINECS: 208-519-6 NC: 2921 59 90 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger


H350-H302-H410

SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,0 %
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,02 %
Residue on ignition (as SO_4)..... 0,1 %
Sensitivity to blood..... p/t.

Order code	Package	Units/Box st.
122840.1605	10 g	6

Benzil, 99% PS

$C_{14}H_{10}O_2$

M: 210,24 CAS: 134-81-6 EINECS: 205-157-0 NC: 2914 39 00
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Minimum assay (G.C.)..... 99 %
Identity..... IR p/t.
Melting range..... 94-96 °C

Order code	Package	Units/Box st.
15A723.1208	100 g	6
15A723.1210	500 g	6

Benzilic Acid, 99% PS

$C_{14}H_{12}O_3$

M: 228,25 CAS: 76-93-7 EINECS: 200-993-2 NC: 2918 19 85

SPECIFICATIONS:
Minimum assay (Acidim.)..... 99 %
Identity..... IR p/t.
Melting range..... 150-152°C

Order code	Package	Units/Box st.
15A674.1208	100 g	6
15A674.1210	500 g	6

Benzoic Acid EQP

Primary Chemical Matter
C_6H_5COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00
Signal Word: Warning


H302-H319

SPECIFICATIONS:
Assay (Acidim.) after dried on SiO_2.....99,95-100,05%
Identity..... IR p/t.
Melting range..... 122-123°C

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3OH..... 0,005 %
Residue on ignition (as SO_4)..... 0,005 %
Reducing substances to $KMnO_4$..... p/t.
Darkened substances by H_2SO_4..... p/t.
Chlorine compounds (as Cl)..... 0,01 %
Sulphur compounds (as S)..... 0,01 %
Heavy metals (as Pb)..... 0,0005 %
As..... 0,0003 %
Cu..... 0,0005 %
Fe..... 0,0002 %
Ni..... 0,0005 %
Pb..... 0,0005 %

Order code	Package	Units/Box st.
241014.1521	10 x 1,5 g	6
241014.1608	100 g	6

Benzoic Acid PA-ACS

C_6H_5COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00
Signal Word: Warning


H302-H319

SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,5 %
Identity..... IR p/t.
Melting range..... 122-123°C

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3OH..... 0,005 %
Residue on ignition (as SO_4)..... 0,005 %
Reducing substances to $KMnO_4$..... p/t.
Chlorine compounds (as Cl)..... 0,005 %
Sulphur compounds (as S)..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
As..... 0,0003 %
Cu..... 0,001 %
Fe..... 0,001 %
Ni..... 0,001 %
Pb..... 0,001 %

Order code	Package	Units/Box st.
131014.1208	100 g	6
131014.1209	250 g	6
131014.1211	1000 g	6

Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C_6H_5COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00
Signal Word: Warning


H302-H319

SPECIFICATIONS:
Assay (Acidim.) calc. a.d.s.....99,5-100,5%
Identity according to Pharmacopoeias..... p/t.
Melting range..... 121-123°C

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution..... p/t.
Insoluble matter in Cl_3CH..... 0,01 %
Insoluble matter in C_2H_5OH..... p/t.
Residue on ignition (as SO_4)..... 0,05 %
Residual solvents (Ph.Eur./USP)..... p/t.
Reducing substances to $KMnO_4$..... p/t.
Darkened substances by H_2SO_4..... p/t.
Water (H_2O)..... 0,7 %
Halogenated compounds and halides (as Cl)..... 0,03 %
Sulphate (SO_4)..... 0,005 %
Heavy metals (as Pb)..... 0,001 %
As..... 0,0003 %
Cu..... 0,001 %
Fe..... 0,001 %
Ni..... 0,001 %
Pb..... 0,001 %

Order code	Package	Units/Box st.
141014.1210	500 g	6
141014.1211	1000 g	6
141014.0914	5 kg	
141014.0416	25 kg	

Benzoic Acid (E-210, F.C.C.) ADITIO

C_6H_5COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00
Signal Word: Warning


H302-H319

SPECIFICATIONS:
Assay (as $C_7H_6O_2$)..... 99,5-100,5%
Arsenic (as As), not more than..... 3 ppm
Heavy metals (as Pb), not more than..... 10 ppm
Lead, not more than..... 2,0 ppm
Polycyclic acids..... p/t.
Easily carbonizable substances..... p/t.
Easily oxidizable substances..... p/t.
Organic chlorine (as monochlorobenzoic acid), not more than..... 0,3 %
Residue on ignition, not more than..... 0,05 %
Solidification point..... 121,5-123°C
Water, not more than..... 0,7 %
Loss on drying, not more than..... 0,5 %
pH of aqueous solution (*)..... p/t.
Mercury (Hg), not more than..... 1 ppm
Specifications (*)Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201014.0914	5 kg	
201014.0416	25 kg	

Benzoic Acid, 99,5% PS

C_6H_5COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,5 %
Identity..... IR p/t.
Melting range..... 122-123°C

Order code	Package	Units/Box st.
151014.1208	100 g	6
151014.1211	1000 g	6

Benzoic Acid Benzyl Ester

(see Benzyl Benzoate)

Benzoic Acid Sodium Salt

(see Sodium Benzoate)

Benzoin, 99% PS

$C_{14}H_{12}O_2$

M: 212,25 CAS: 119-53-9 EINECS: 204-331-3 NC: 2914 29 00

SPECIFICATIONS:

Minimum assay (G.C.)..... 99 %
Identity..... IR p/t.
Melting range..... 134-136°C

Order code	Package	Units/Box st.
15A731.1208	100 g	6
15A731.1210	500 g	6
15A731.0914	5 kg	

Benzoin Ethyl Ether, 99% PS

$C_{16}H_{16}O_2$

M: 240,3 CAS: 574-09-4 EINECS: 209-366-8 NC: 2914 50 00

SPECIFICATIONS:

Assay..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15B672.1607	50 g	6
15B672.1609	250 g	6

α-Benzoinoxime PA

$C_{14}H_{13}NO_2$

M: 227,27 CAS: 441-38-3 EINECS: 207-127-2 NC: 2928 00 90

SPECIFICATIONS:

Identity..... IR p/t.
Melting range..... 151-153°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH..... p/t.
Residue on ignition (as SO_4)..... 0,05 %
Sensitivity to Cu..... p/t.
Sensitivity to Mo..... p/t.
Cu..... 0,001 %
Fe..... 0,001 %
Ni..... 0,001 %
Pb..... 0,001 %

Order code	Package	Units/Box st.
122354.1605	10 g	6

Benzonitrile, 99% PS

C_7H_5N

M: 103,12 CAS: 100-47-0 EINECS: 202-855-7 NC: 2926 90 95 UN: 2224

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Warning



H312-H302

1l~1,004kg 1kg~0,995l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99 %
Identity..... IR p/t.
Water (H_2O)..... 0,1 %

Order code	Package	Units/Box st.
15A732.1609	250 ml	6
15A732.1611	1000 ml	6
15A732.1612	2,5 l	4

Benzophenone, 99% PS

$C_{13}H_{10}O$

M: 182,22 CAS: 119-61-9 EINECS: 204-337-6 NC: 2914 39 00

SPECIFICATIONS:

Minimum assay (G.C.)..... 99 %
Identity..... IR p/t.
Melting range..... 47-49°C

Order code	Package	Units/Box st.
15A728.1209	250 g	6
15A728.1211	1000 g	6

Benzo [b] Pyridine

(see Quinoline)

1,2-Benzopyrone

(see Coumarin)

2,3-Benzopyrrole

(see Indole)

1,4-Benzoquinone, 99% PS

$C_6H_4O_2$

M: 108,10 CAS: 106-51-4 EINECS: 203-405-2 NC: 2914 69 90 UN: 2587

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H319-H335-H315-H400

SPECIFICATIONS:

Minimum assay (G.C.)..... 99 %
Identity..... IR p/t.
Melting range..... 111-115°C

Order code	Package	Units/Box st.
15A596.1608	100 g	6
15A596.1610	500 g	6

2-Benzothiazolamine

(see 2-Aminobenzothiazole)

1H-Benzotriazole, 99% PS

$C_6H_5N_3$

M: 119,13 CAS: 95-14-7 EINECS: 202-394-1 NC: 2933 99 90

Signal Word: Warning



H302-H319-H412

SPECIFICATIONS:

Minimum assay..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15A609.1208	100 g	6
15A609.1209	250 g	6
15A609.1211	1000 g	6

4-Benzoylbiphenyl, 98% PS

$C_{19}H_{14}O$

M: 258,32 CAS: 2128-93-0 EINECS: 218-345-2 NC: 2914 39 00

SPECIFICATIONS:

Assay..... 98 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15B629.1604	5 g	6
15B629.1206	25 g	6
15B629.1208	100 g	6

Benzoyl Chloride (Reag. Ph. Eur.) PA-ACS

C_6H_5COCl

M: 140,57 CAS: 98-88-4 EINECS: 202-710-8 NC: 2916 32 90 UN: 1736
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H332-H312-H302-H314-H317

1l~1,212kg 1kg~0,825l

SPECIFICATIONS:

Assay (Acidim.)	99,5-100,5%
Identity	IR p/t.
Density at 20/4	1,212-1,214
Freezing point	-2,0 to 0,0°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0,005 %
Phosphorus compounds (as PO_4)	0,002 %
Sulphur compounds (as SO_4)	0,003 %
Heavy metals (as Pb)	0,0005 %
Ca	0,0002 %
Cd	0,00002 %
Co	0,00002 %
Cr	0,00002 %
Cu	0,00002 %
Fe	0,00005 %
Mg	0,0002 %
Mn	0,00002 %
Ni	0,00002 %
Pb	0,00002 %
Zn	0,00002 %

Order code	Package	Units/Box st.
132720.1608	100 ml	6
132720.1610	500 ml	6

Benzoyl Chloride, 99% PS

C_6H_5COCl

M: 140,57 CAS: 98-88-4 EINECS: 202-710-8 NC: 2916 32 90 UN: 1736
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H332-H312-H302-H314-H317

1l~1,212kg 1kg~0,825l

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
Identity	IR p/t.
Density at 20/4	1,210 - 1,214

Order code	Package	Units/Box st.
162720.1610	500 ml	6
162720.1611	1000 ml	6

Benzoyl Peroxide humidified with ~25% of H_2O (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$(C_6H_5CO)_2O_2$

M: 242,23 CAS: 94-36-0 EINECS: 202-327-6 NC: 2916 32 10 UN: 3104
IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 510 CAO: 513
Signal Word: Danger



H201-H319-H317

SPECIFICATIONS:

Assay (Iodom.)	70,0-77,0 %
Identity according to Pharmacopoeias	p/t.
Water (H_2O)	>20 %

MAXIMUM LIMIT OF IMPURITIES

Related substances	p/t.
Acidity	p/t.
Chloride (Cl)	0,4 %
Residual solvents (Ph.Eur./USP)	p/t.

Order code	Package	Units/Box st.
142357.1210	500 g	6

Benzoyl Peroxide humidified with ~25% of H_2O (F.C.C.) ADITIO

$(C_6H_5CO)_2O_2$

M: 242,23 CAS: 94-36-0 EINECS: 202-327-6 NC: 2916 32 10 UN: 3104
IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 510 CAO: 513
Signal Word: Danger



H201-H319-H317

SPECIFICATIONS:

Assay ($C_{14}H_{10}O_4$), not less than	96,0 %
Lead, not more than	4 ppm

(Analysis applied to the dry substance)
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202357.1210	500 g	6

Benzoyl Peroxide, 98% humidified with ~25% of H_2O PS

$(C_6H_5CO)_2O_2$

M: 242,23 CAS: 94-36-0 EINECS: 202-327-6 NC: 2916 32 10 UN: 3104
IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 510 CAO: 513
Signal Word: Danger



H201-H319-H317

SPECIFICATIONS:

Minimum assay (Iodom.) calc. a.d.s	98 %
Identity	IR p/t
Melting range (a.d.s.)	102-105°C

Order code	Package	Units/Box st.
162357.1210	500 g	6

Benzoyl Superoxide

(see Benzoyl Peroxide)

Benzyl Acetate, 99% PS

$C_9H_{10}O_2$

M: 150,18 CAS: 140-11-4 EINECS: 205-399-7 NC: 2915 39 50
1l~1,054kg 1kg~0,949l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,052-1,055

Order code	Package	Units/Box st.
15A724.1609	250 ml	6
15A724.1611	1000 ml	6

Benzyl Alcohol PA-ACS

$C_6H_5CH_2OH$

M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00
Signal Word: Warning



H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	1,043-1,049

MAXIMUM LIMIT OF IMPURITIES

APHA colour	20
Residue on ignition (as SO_4)	0,005 %
Acetophenone (G.C.)	0,02 %
Benzaldehyde (G.C)	0,01 %
Water (H_2O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
131081.1611	1000 ml	6
131081.1214	5 l	4

Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_6H_5CH_2OH$

M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00

Signal Word: Warning



H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay (Acidim.) ..... 98,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 1,043-1,049
Refractive index n ^{20}/D 1,539-1,541

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Clarity of solution ..... p/t.
Colour of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,05 %
Residue on ignition (as SO_4) ..... 0,005 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Acidity ..... p/t.
Halogenated compounds and halides (as Cl) ..... 0,03 %
Peroxide value 5
Related substances ..... (G.C.)
Ciclohexylmethanol ..... 0,10 %
Total imp. Tr < Benzyl Alcohol ..... 0,04 %
Total imp. Tr > Benzyl Alcohol ..... 0,3 %
Water (H_2O) ..... 0,2 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm
Bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
141081.1611	1000 ml	6
141081.1612	2,5 l	4
141081.1214	5 l	4
141081.0816	25 l	
141081.0818	60 l	
141081.0719	200 l	

Benzyl Alcohol (E-1519, F.C.C.) ADITIO

$C_6H_5CH_2OH$

M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00

Signal Word: Warning



H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay (G.C.), not less than ..... 99,0 %
IR ..... p/t.
Refractive index n ^{20}/D 1,539-1,541
Specific gravity at 25/25 1,042-1,047
Aldehydes (as C_7H_6O), not more than ..... 0,2 %
Chlorinated compounds ..... p/t.
Distillation range, not less than 95% ..... 202,5-206,5°C
Lead, not more than ..... 0,0005 %
Acidity value, not more than 0,5
Specifications Dir. 2008/84/EC, F.C.C. 6
Bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
201081.1214	5 l	4

Benzyl Alcohol, 99% PS

$C_6H_5CH_2OH$

M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00

Signal Word: Warning



H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151081.1608	100 ml	6
151081.1610	500 ml	6

Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_{14}H_{12}O_2$

M: 212,26 CAS: 120-51-4 EINECS: 204-402-9 NC: 2916 31 00

Signal Word: Warning



H302-H411

1l~1,119kg 1kg~0,894l

SPECIFICATIONS:

Assay 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 ..... 1,118 - 1,122
Density at 25/25 1,116-1,120
Refractive index n ^{20}/D 1,568-1,570
Freezing point ..... ≥18,0°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,1 %
Acidity ..... p/t.
Aldehydes (as C_7H_6O) ..... 0,05 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
144720.1611	1000 ml	6
144720.0716	25 l	

Benzyl Benzoate, 99% PS

$C_{14}H_{12}O_2$

M: 212,26 CAS: 120-51-4 EINECS: 204-402-9 NC: 2916 31 00

Signal Word: Warning



H302-H411

1l~1,119kg 1kg~0,894l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,117-1,119

Order code	Package	Units/Box st.
164720.1609	250 ml	6
164720.1611	1000 ml	6

Benzyl Chloride, 99% PS

$C_6H_5CH_2Cl$

M: 126,59 CAS: 100-44-7 EINECS: 202-853-6 NC: 2903 69 90 UN: 1738
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612

Signal Word: Danger



H350-H302-H331-H335-H315-H318-H373

1l~1,100kg 1kg~0,909l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t
Density at 20/4 1,098-1,101

Order code	Package	Units/Box st.
15A726.1609	250 ml	6
15A726.1611	1000 ml	6
15A726.1214	5 l	4

Benzylmagnesium Chloride 2M in THF PS

C_7H_7ClMg

M: 150,90 CAS: 6921-34-2 EINECS: 230-039-0 NC: 2931 00 95 UN: 3399
IMDG: 4.3/III ADR: 4.3/III IATA: 4.3/- PAX: P CAO: P

Signal Word: Danger



H225-EUH014-EUH019-H314

1l~1,031kg 1kg~0,97l

Order code	Package	Units/Box st.
15A217.1608	100 ml	6
15A217.1610	500 ml	6

4-Benzyloxybenzaldehyde, 98% PS

$C_{14}H_{12}O_2$

M: 212,25 CAS: 4397-53-9 EINECS: 224-527-2 NC: 2912 49 00

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B993.1206	25 g	6
15B993.1208	100 g	6

Benzyloxycarbonyl

(see Z derivatives)

N-(Benzyloxycarbonyloxy) Succinimide, 98% PS

$C_{12}H_{11}NO_5$

M: 249,22 CAS: 13139-17-8 EINECS: 236-075-3 NC: 2925 19 95

Signal Word: Warning

H317

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B711.1606	25 g	6
15B711.1608	100 g	6

Benzyltributylammonium Chloride, 99% PS

$C_{19}H_{34}ClN$

M: 311,94 CAS: 23616-79-7 EINECS: 245-787-3 NC: 2923 90 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A985.1604	5 g	6
15A985.1608	100 g	6
15A985.1610	500 g	6

Benzyltriethylammonium Chloride, 99% PS

$C_{13}H_{22}ClN$

M: 227,78 CAS: 56-37-1 EINECS: 200-270-1 NC: 2923 90 00

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A986.1606	25 g	6
15A986.1608	100 g	6
15A986.1610	500 g	6

Benzyltrimethylammonium Chloride, 99% PS

$C_{10}H_{16}ClN$

M: 185,70 CAS: 56-93-9 EINECS: 200-300-3 NC: 2923 90 00

Signal Word: Warning

H319-H302

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A988.1607	50 g	6

BERYLLIUM SOLUTIONS

(see Standards for ICP)

Betanaphtol

(see 2-Naphthol)

BHA

(see 2-tert-Butyl-4-Methoxyphenol)

BHT

(see 2,6-Di-tert-Butyl-4-Methylphenol)

Biacetyl

(see 2,3-Butanedione)

BICINE

(see N,N-Bis (2-Hydroxyethyl) Glycine)

Biebrich Scarlet (C.I. 26905) DC

$C_{22}H_{14}N_4Na_2O_7S_2$

M: 556,48 CAS: 4196-99-0 EINECS: 224-084-5 NC: 3204 12 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 505-510 nm
A 1%, 1 cm, λmax ..... >530
Ratio λmax. P±15 nm 0,90-1,00
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
253986.1605	10 g	6
253986.1606	25 g	6

Bile Salts n° 3 (Ingredient) CULTIMED

Product used to estimulate the growth of enteric bacteria.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 7,5-9,5
Loss on drying at 105°C ..... 5 %
Insoluble matter in H_2O ..... p/t.

Order code	Package	Units/Box st.
403896.1210	500 g	6
403896.0914	5 kg	
403896.0416	25 kg	

Biocide WSCP

(see WSCP Kit)

D(+)-Biotin (USP) PRS-CODEX

$C_{10}H_{16}N_2O_3S$

M: 244,31 CAS: 58-85-5 EINECS: 200-399-3 NC: 2936 29 30

SPECIFICATIONS:

Assay (Acidim.) 97,5-100,5%
Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{25}$/D c=2 (in NaOH 0,1 mol/l) ..... +89 to +93°

MAXIMUM LIMIT OF IMPURITIES

Organic volatile impurities ..... p/t.

Order code	Package	Units/Box st.
143977.1605	10 g	6
143977.1208	100 g	6

D(+)-Biotin (F.C.C.) ADITIO

$C_{10}H_{16}N_2O_3S$

M: 244,31 CAS: 58-85-5 EINECS: 200-399-3 NC: 2936 29 30

SPECIFICATIONS:

Assay (as $C_{10}H_{16}N_2O_3S$) ..... 97,5-100,5 %
Melting range ..... 229-232°C
Specific rotation $[\alpha]^{25}$/D c=2 (in NaOH 0,1 mol/l) ..... +89 to +93°
Lead, not more than ..... 2 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203977.1605	10 g	6
203977.1208	100 g	6

Biphenyl, 99% PS

$C_6H_5.C_6H_5$

M: 154,20 CAS: 92-52-4 EINECS: 202-163-5 NC: 2902 90 30 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H319-H335-H315-H410

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 68-70°C

Order code	Package	Units/Box st.
15A769.1210	500 g	6
15A769.1211	1000 g	6

2,2'-Bipyridine (Reag. USP) PA-ISO

$(C_5H_4N)_2$

M: 156,19 CAS: 366-18-7 EINECS: 206-674-4 NC: 2933 39 99 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 99,5 %
Identity ..... IR p/t.
Melting range ..... 69,0-72,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Sensitivity to Fe ..... p/t.
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
132371.1604	5 g	6
132371.1606	25 g	6

2,2'-Bipyridine, 99% PS

$(C_5H_4N)_2$

M: 156,19 CAS: 366-18-7 EINECS: 206-674-4 NC: 2933 39 99 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H312-H302

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 69-72°C

Order code	Package	Units/Box st.
162371.1606	25 g	6

Bis (2-Aminoethyl) Amine

(see Diethylenetriamine)

Bis (2-Ethoxyethyl) Ether

(see Diethylene Glycol Diethyl Ether)

Bis (2-Ethylhexyl) Phthalate, 98% PS

$C_{24}H_{38}O_4$

M: 390,57 CAS: 117-81-7 EINECS: 204-211-0 NC: 2917 34 90
Signal Word: Danger



H360FD
1l~0,984kg 1kg~1,016l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,983-0,985

Order code	Package	Units/Box st.
15A733.1211	1000 ml	6
15A733.1212	2,5 l	4

Bis (β-Hydroxyethyl) Amine

(see Diethanolamine)

Bis (2-Hydroxypropyl) Amine

(see Di-Isopropanolamine)

Bis (Hydroxypropyl) Ether

(see Dipropylene Glycol)

Bismarck Brown R (C.I. 21010) DC

for microscopy, fat staining
$C_{21}H_{24}N_8.2HCl$

M: 461,40 CAS: 5421-66-9 EINECS: 213-888-1 NC: 3212 90 90

SPECIFICATIONS:
Identity ..... IR p/t.
A 1%; 1 cm; λmax. in H_2O ..... >250
Ratio λmax. P ± 15 nm 0,97-1,03
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 10 %

Order code	Package	Units/Box st.
253934.1606	25 g	6
253934.1608	100 g	6

Bismarck Brown Y (C.I. 21000) DC

for microscopy, mucin and cartilage staining
$C_{18}H_{18}N_8.2HCl$

M: 419,33 CAS: 10114-58-6 EINECS: 233-314-3 NC: 3212 90 90

SPECIFICATIONS:
Identity ..... IR p/t.
A 1%; 1 cm; λmax. in H_2O ..... >400
Ratio λmax. P ± 15 nm 0,97-1,03
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
253935.1606	25 g	6

Bismuth metal, needles QP

Bi

M: 208,98 CAS: 7440-69-9 EINECS: 231-177-4 NC: 8106 00 90

SPECIFICATIONS:
Assay ..... 99 %

Order code	Package	Units/Box st.
215501.1208	100 g	6

BISMUTH SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Bismuth(III) Carbonate Basic

(see Bismuth(III) Hydroxide Carbonate)

Bismuth(III) Hydroxide Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$(BiO)_2CO_3$

M: 509,97 CAS: 5892-10-4 EINECS: 227-567-9 NC: 2836 99 17

SPECIFICATIONS:
Assay (Compl.) (as $(BiO)_2CO_3$)calc. a.d.s 97,6-100,7%
Assay (Compl.) (as Bi) calc. a.d.s 80,0- 82,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in HNO_3 ..... 0,05 %
Loss on drying at 105°C ..... 1,0 %
Residual solvents ..... p/t.
Chloride (Cl) ..... 0,05 %
Nitrate (NO_3) ..... 0,4 %
Sulphate (SO_4) ..... 0,1 %
Alkali and alkaline-earth salts ..... 1,0 %
Ag ..... 0,0025 %
As ..... 0,0005 %
Cu ..... 0,005 %
Fe ..... 0,01 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141195.1209	250 g	6
141195.1211	1000 g	6

Bismuth(III) Hydroxide Nitrate (USP, DAB) PRS-CODEX

$Bi_5O(OH)_9(NO_3)_4$

M: 1461,99 CAS: 10361-46-3 EINECS: 233-792-3 NC: 2834 29 80 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

SPECIFICATIONS:
Minimum assay (Compl.)(as Bi_2O_3) calc. a.d.s ..... 79,0 %
Assay (Compl.)(as Bi) calc. a.d.s ..... 71,0-74,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in dil. HNO_3 ..... p/t.
Loss on drying at 105°C ..... 3,0 %
Residual solvents (USP) ..... p/t.
Impurities of acid reaction ..... p/t.
Carbonate ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,01 %
Alkalis and alkaline-earths ..... 0,5 %
Non-precip. substances by NH_4OH (as SO_4) ..... 0,6 %
Ag ..... 0,002 %
As ..... 0,0005 %
Cu ..... 0,003 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141197.1209	250 g	6
141197.1211	1000 g	6
141197.1214	5 kg	4

Bismuth(III) Nitrate 5-hydrate PA-ACS

$Bi(NO_3)_3.5H_2O$

M: 485,07 CAS: 10035-06-0 EINECS: 233-791-8 NC: 2834 29 80 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Compl.)	98,0 %
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter in HNO_3	0,005 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,005 %
Ag	0,001 %
As	0,0001 %
Ca	0,005 %
Cu	0,002 %
Fe	0,001 %
K	0,005 %
Mg	0,001 %
Na	0,01 %
Pb	0,002 %

Order code	Package	Units/Box st.
131196.1208	100 g	6
131196.1210	500 g	6

Bismuth(III) Nitrate 5-hydrate PRS

$Bi(NO_3)_3.5H_2O$

M: 485,07 CAS: 10035-06-0 EINECS: 233-791-8 NC: 2834 29 80 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in HNO_3	0,025 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,1 %
Ca	0,01 %
Cu	0,005 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141196.1209	250 g	6
141196.1211	1000 g	6
141196.1214	5 kg	4

Bismuth(III) Nitrate Basic

(see Bismuth(III) Hydroxide Nitrate)

Bismuth(III) Oxide QP

Bi_2O_3

M: 465,96 CAS: 1304-76-3 EINECS: 215-134-7 NC: 2825 90 80

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in HCl	0,05 %
Loss on ignition	1 %
Cu	0,005 %
Fe	0,05 %
Ni	0,01 %
Pb	0,005 %

Order code	Package	Units/Box st.
212724.1209	250 g	6
212724.1211	1000 g	6
212724.1214	5 kg	4

Bis (Pyridine) Iodonium Tetrafluoroborate PS

$(C_5H_5N)_2IBF_4$

M: 371,91 CAS: 15656-28-7 NC: 2931 00 95
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Melting range	137-141°C

Order code	Package	Units/Box st.
15B200.1603	1 g	6

Bis (Trichloromethyl) Carbonate

(see Triphosgene)

3,5-Bis (Trifluoromethyl) Benzaldehyde, 98% PS

$C_9H_4F_6O$

M: 242,12 CAS: 401-95-6 NC: 2913 00 00
Signal Word: Warning



H319-H335-H315

1l~1,469kg 1kg~0,681l

SPECIFICATIONS:

Assay	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C076.1603	1 ml	6
15C076.1604	5 ml	6

N,O-Bis (Trimethylsilyl) Acetamide CG

for derivatization (GC)

$C_8H_{21}NOSi_2$

M: 203,43 CAS: 10416-59-8 EINECS: 233-892-7 NC: 2931 00 95 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H315

1l~0,823kg 1kg~1,215l

SPECIFICATIONS:

Minimum assay (G.C.)	90 %
Identity	IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355788.1905	10 ml	6
355788.2522	10 x 10 ml	6

N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG

for derivatization (GC)

$C_8H_{18}F_3NOSi_2$

M: 257,41 CAS: 25561-30-2 EINECS: 247-103-9 NC: 2931 00 95 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226

1l~0,974kg 1kg~1,027l

SPECIFICATIONS:

Minimum assay (G.C.)	98,0 %
Identity	IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355588.0922	20 x 1 ml	6
355588.1905	10 ml	6
355588.2522	10 x 10 ml	6

BIS-TRIS

(see 2,2-Bis (Hydroxyethyl)-Imino tris (Hydroxymethyl) Methane)

Biuret's Reagent DC

for determination of proteins

NC: 3822 00 00

H412

1l~1,059kg 1kg~0,944l

Composition:

Copper(II) Sulphate 5-hydrate	1,5 g
Sodium and Potassium Tartrate 4-hydrate	4,5 g
Potassium Iodide	0,5 g
Sodium Hydroxide pellets	0,8 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
251820.1208	100 ml	6

Blue for fast staining (Panoptic No. 3) DC

blood smear staining or medullary smear staining

NC: 3822 00 00

1l~1,007kg 1kg~0,993l

Composition:

Azur B	2 g
Buffer solution pH 7 s.q.m.	1000 ml

Order code	Package	Units/Box st.
253998.1210	500 ml	6
253998.1212	2,5 l	4

Blue Primary Solution (BP, Ph. Eur.) PA

for determination of the coloration grade in liquids.

NC: 3822 00 00

1l~1,044kg 1kg~0,958l

SPECIFICATIONS:

Assay (as $CuSO_4.5H_2O$) ..... 62,35-62,45 g/l
λ of max. ABS in H_2O ..... 805-810 nm
ABS at λ max. in H_2O 0,590-0,610

Order code	Package	Units/Box st.
125417.1208	100 ml (P)	6

N-Boc-L-Alanine, 98% PS

$C_8H_{15}NO_4$

M: 189,21 CAS: 15761-38-3 EINECS: 239-847-8 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A479.1604	5 g	6
15A479.1606	25 g	6

N-α-BOC-L-Asparagine, 98% PS

$C_9H_{16}N_2O_5$

M: 232,23 CAS: 7536-55-2 EINECS: 231-405-2 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A480.1604	5 g	6
15A480.1606	25 g	6

N-Boc-L-Aspartic Acid, 98% PS

$C_9H_{15}NO_6$

M: 233,22 CAS: 13726-67-5 EINECS: 237-294-7 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A481.1603	1 g	6
15A481.1605	10 g	6

N-Boc-L-Glutamic Acid, 98% PS

M: 247,24 CAS: 2419-94-5 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A482.1604	5 g	6
15A482.1606	25 g	6

N-Boc-Glycine, 98% PS

$C_7H_{13}NO_4$

M: 175,18 CAS: 4530-20-5 EINECS: 224-864-5 NC: 2922 50 00

Signal Word: Danger



H318

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A483.1604	5 g	6
15A483.1605	10 g	6

N-α-Boc-L-Histidine, 98% PS

$C_{11}H_{17}N_3O_4$

M: 255,27 CAS: 17791-52-5 EINECS: 241-768-9 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A484.1603	1 g	6
15A484.1604	5 g	6

N-Boc-L-Isoleucine 1/2-hydrate, 98% PS

$C_{11}H_{21}NO_4.1/2\ H_2O$

M: 240,29 CAS: 13139-16-7 EINECS: 236-074-8 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %
Identity ..... IR p/t.
Specific rotation $[\alpha]^{20}/D$ c=2 (in CH_3COOH) ..... +2,3 to +3,3°

Order code	Package	Units/Box st.
15A485.1604	5 g	6
15A485.1606	25 g	6

N-Boc-L-Leucine 1-hydrate, 98% PS

$C_{11}H_{21}NO_4.H_2O$

M: 249,30 CAS: 13139-15-6 EINECS: 236-073-2 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A486.1604	5 g	6
15A486.1606	25 g	6

N-Boc-L-Methionine, 98% PS

$C_{10}H_{19}NO_4S$

M: 249,32 CAS: 2488-15-5 EINECS: 219-639-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A488.1604	5 g	6
15A488.1606	25 g	6

Boc-ON, 98% PS

$C_{13}H_{14}N_2O_3$

M: 246,26 CAS: 58632-95-4 EINECS: 261-370-9 NC: 2925 29 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A570.1606	25 g	6
15A570.1608	100 g	6

N-Boc-L-Phenylalanine, 98% PS

$C_{14}H_{19}NO_4$

M: 265,30 CAS: 13734-34-4 EINECS: 237-305-5 NC: 2922 50 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A489.1604	5 g	6
15A489.1606	25 g	6

N-Boc-L-Proline, 98% PS

$C_{10}H_{17}NO_4$

M: 215,24 CAS: 15761-39-4 EINECS: 239-848-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A490.1606	25 g	6

N-Boc-L-Serine hydrate, 98% PS

$C_8H_{15}NO_5.xH_2O$

M: 205,21 CAS: 3262-72-4 EINECS: 221-867-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A491.1604	5 g	6
15A491.1606	25 g	6

N-Boc-L-Threonine, 98% PS

$C_9H_{17}NO_5$

M: 219,23 CAS: 2592-18-9 EINECS: 219-987-6 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A492.1603	1 g	6
15A492.1604	5 g	6

N-α-Boc-L-Tryptophan, 98% PS

$C_{16}H_{20}N_2O_4$

M: 304,34 CAS: 13139-14-5 EINECS: 236-072-7 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A493.1604	5 g	6
15A493.1606	25 g	6

N-Boc-L-Tyrosine, 98% PS

$C_{14}H_{19}NO_5$

M: 281,30 CAS: 3978-80-1 EINECS: 223-613-7 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A494.1604	5 g	6
15A494.1606	25 g	6

N-Boc-D-Valine, 98% PS

$C_{10}H_{19}NO_4$

M: 217,26 CAS: 22838-58-0 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A467.1603	1 g	6
15A467.1604	5 g	6

N-Boc-L-Valine, 98% PS

$C_{10}H_{19}NO_4$

M: 217,26 CAS: 13734-41-3 EINECS: 237-307-6 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A414.1604	5 g	6
15A414.1606	25 g	6

Borax

(see di-Sodium tetra-Borate)

Boric Acid PA-ACS-ISO

H_3BO_3

M: 61,83 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90

Signal Word: Danger

H360FD

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,005 %
Insoluble matter in CH_3OH ..... 0,005 %
Residue on ignition (CH_3OH+HCl) (as SO_4)..... 0,05 %
Chloride (Cl)..... 0,0005 %
Phosphate (PO_4) ..... 0,0005 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cu 5	Ni 5
Al 5	Fe..... 1	Pb 5
As 0,5	Ga..... 5	Pt 5
Au 5	Ge..... 5	Sb 5
Ba 5	In..... 5	Si 5
Be 5	K 50	Sn 5
Bi 5	Li..... 5	Sr 5
Ca 20	Mg 5	Ti..... 5
Cd..... 5	Mn 5	Tl..... 5
Co..... 5	Mo 5	V 5
Cr..... 5	Na 50	Zn 5
		Zr 5

Order code	Package	Units/Box st.
131015.1210	500 g	6
131015.1211	1000 g	6
131015.1214	5 kg	4
131015.0416	25 kg	

Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

H_3BO_3

M: 61,83 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90

Signal Word: Danger

H360FD

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.....99,5-100,5%
Identity according to Pharmacopoeias ..... p/t.
pH of 3,3% solution 3,8-4,8

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying..... 0,5 %
Residue on ignition (CH_3OH+HCl) (as SO_4)..... 0,1 %
Residual solvents (Ph.Eur./USP)..... p/t.
Organic substances..... p/t.
Chloride (Cl)..... 0,002 %
Phosphate (PO_4) ..... 0,002 %
Sulphate (SO_4) ..... 0,045 %
Heavy metals (as Pb)..... 0,0015 %
As ..... 0,0005 %
Cu ..... 0,001 %
Fe..... 0,001 %
Mg ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141015.1210	500 g	6
141015.1211	1000 g	6
141015.0914	5 kg	4
141015.0416	25 kg	

BORIC ACID SOLUTIONS

(see also Ammonia Fixative Solution)

Boric Acid solution 3% RV

for ammonia titration

H_3BO_3

M: 61,84 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90

1l~1,010kg 1kg~0,990l

SPECIFICATIONS:

Assay (Acidim.)..... 2,95-3,05 %

Order code	Package	Units/Box st.
282928.1211	1000 ml	6

Boric Acid solution 4% RV

for ammonia titration

H_3BO_3

M: 61,84 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90

1l~1,015kg 1kg~0,985l

SPECIFICATIONS:

Assay (Acidim.)..... 3,9-4,1 %

Order code	Package	Units/Box st.
282222.1211	1000 ml	6
282222.1214	5 l	4

Boric Acid in tablets PA

for X-ray fluorescence

H_3BO_3

M: 61,83 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90

Signal Word: Danger

H360FD

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,005 %
Insoluble matter in CH_3OH ..... 0,005 %
Residue on ignition (CH_3OH+HCl)(as SO_4)..... 0,05 %
Chloride (Cl)..... 0,0005 %
Phosphate (PO_4) ..... 0,0005 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe.....5	Pt 5
Al 5	Ga.....5	Sb 5
As 0,5	Ge.....5	Si 5
Au 5	In.....5	Sn 5
Ba 5	K 50	Sr 5
Be 5	Li.....5	Ti.....5
Bi 5	Mg 5	Tl.....5
Ca 20	Mn 5	V 5
Cd.....5	Mo 5	Zn 5
Co.....5	Na 50	Zr 5
Cr.....5	Ni 5	
Cu.....5	Pb 5	

Order code	Package	Units/Box st.
125596.1211	1000 g	6

Boric-Potasic Tartrate
(see Potassium Boron Tartrate)

(-)-Borneol, 98% PS
$C_{10}H_{18}O$
M: 154,25 CAS: 464-45-9 EINECS: 207-353-1 NC: 2906 19 00 UN: 1312
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
1l~0,994kg 1kg~1,006l
SPECIFICATIONS:
Minimum assay (G.C.) isomers mixture..... 98 %
Identity.....IR p/t.
Melting range..... 205-208°C
$[\alpha]^{20}$/D c=5 (in ethanol abs.) ..... -35 to -37°

Order code	Package	Units/Box st.
15A583.1606	25 g	6

Bornyl Alcohol
(see (-)-Borneol)

BORON SOLUTION
(see Standards for ICP)

Boron Potassium Tartrate
(see Potassium Boron Tartrate)

Boron Trifluoride 14% in methanol PS
CH_4BF_3O
M: 99,85 CAS: 16045-88-8 EINECS: 206-766-4 NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

H225-H331-H311-H301-H370
1l~0,92kg 1kg~1,09l
SPECIFICATIONS:
Minimum assay (Acidim.)..... 14 %

Order code	Package	Units/Box st.
15A734.1608	100 ml	6
15A734.1610	500 ml	6

Boron Trifluoride-Diethyl Ether (complex) PS
$C_4H_{10}BF_3O$
M: 141,93 CAS: 109-63-7 EINECS: 203-689-8 NC: 2931 00 95 UN: 2604
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger

EUH014-H261-H314
1l~1,125kg 1kg~0,888l
SPECIFICATIONS:
Assay (as BF_3).....45-50 %
Density at 20/4 1,124-1,127

Order code	Package	Units/Box st.
15A735.1608	100 ml	6
15A735.1610	500 ml	6

Bouin Liquor DC
for microscopy, histology fixing
NC: 3822 00 00
Signal Word: Danger

H331-H311-H301-H317-H314
1l~1,029kg 1kg~0,972l
Composition:
Picric Acid moistened with~33% of H_2O.....1,125 g
Acetic Acid Glacial .....5 ml
Formaldehyde 35-40%.....25 ml
Water .....77 ml

Order code	Package	Units/Box st.
254102.1611	1000 ml	6

Brij ® 35 QP
(® Registered trade-mark of ICI)
CAS: 9002-92-0 EINECS: 500-002-6 NC: 2905 49 80
Signal Word: Warning

H302-H319
SPECIFICATIONS:
Melting range..... 38-41°C
Residue on ignition (as SO_4) ..... 0,5 %
Acidity value 2
Hydroxyl value..... 40-50
Saponification value 2

Order code	Package	Units/Box st.
212316.1211	1000 g	6
212316.0914	5 kg	

Brij ® 35 aqueous solution 30% w/v DC
(® Registered trade-mark of ICI)surfactants for automatical analysis
CAS: 9002-92-0 NC: 2905 49 80
Signal Word: Warning

H302-H319
1l~1,025kg 1kg~0,976l
Composition:
Brij ® 35 .....30 g
Water s.q.m .....100 ml
Heat to~35°C before use.

Order code	Package	Units/Box st.
252317.1611	1000 ml	6

Brilliant Blue FCF (C.I. 42090) DC
$C_{37}H_{34}N_2Na_2O_9S_3$
M: 792,86 CAS: 3844-45-9 EINECS: 223-339-8 NC: 3204 12 00
SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in H_2O ..... 628-631 nm
A 1%, 1 cm, λmax.....>1150
Ratio λmax. P± 15 nm..... 1,0-1,15
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C.....15 %

Order code	Package	Units/Box st.
254367.1606	25 g	6

Brilliant Cresyl Blue (C.I. 51010) DC
for microscopy, platelets and thrombocytes staining
$C_{17}H_{20}ClN_3O$
M: 317,79 CAS: 81029-05-2 EINECS: 279-675-0 NC: 3204 13 00
SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in ethanol 50% ..... 622-635 nm
Ratio λmax. P ± 15 nm..... 1,03-1,20
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C.....10 %

Order code	Package	Units/Box st.
251169.1604	5 g	6
251169.1606	25 g	6

Brilliant Green (C.I. 42040) DC
for microscopy, vegetal tissue staining
$C_{27}H_{34}N_2O_4S$
M: 482,64 CAS: 633-03-4 EINECS: 211-190-1 NC: 3204 13 00
Signal Word: Warning

H302-H319-H315
SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in C_2H_5OH 50%..... 628-632 nm
A 1%, 1cm, λmax.....>1750
Ratio λmax. P ± 15 nm..... 0,94-1,14
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C.....5 %

Order code	Package	Units/Box st.
251758.1606	25 g	6
251758.1608	100 g	6

Brilliant Green aqueous solution 5% DC
for microscopy, vegetal tissue staining
CAS: 633-03-4 EINECS: 211-190-1 NC: 3204 13 00
1l~1,008kg 1kg~0,992l
Composition:
Brilliant Green.....5 g
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
252339.1608	100 ml	6
252339.1609	250 ml	6

BROMIDE SOLUTION
(see Standards for Ionic Chromatography)

Bromine (Reag. Ph. Eur.) PA-ACS-ISO

Br_2

M: 159,82 CAS: 7726-95-6 EINECS: 231-778-1 NC: 2801 30 90 UN: 1744
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
Signal Word: Danger



H330-H314-H400

1l~3,190kg 1kg~0,313l

SPECIFICATIONS:

Minimum assay (Iodom.)	99,5 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,005 %
Chlorine (Cl)	0,05 %
Iodine (I)	0,0005 %
Organic brominated compounds	p/t.
Sulphur compounds (as S)	0,001 %
Heavy metals (as Pb)	0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,1	Fe	0,5	Pt	0,1
Al	0,5	Ga	0,1	Sb	0,1
As	0,5	Ge	0,1	Si	0,4
Au	0,1	Hg	0,1	Sn	0,1
B	0,2	In	0,1	Sr	5
Ba	0,5	K	5	Ti	0,1
Be	0,5	Li	0,2	Tl	0,1
Bi	0,1	Mg	5	V	0,1
Ca	5	Mn	0,2	Zn	0,5
Cd	0,2	Mo	0,1	Zr	0,1
Co	0,2	Na	5		
Cr	0,2	Ni	0,2		
Cu	0,2	Pb	0,5		

Order code	Package	Units/Box st.
131199.2208	100 ml	6
131199.2209	250 ml	6

Bromine PRS

Br_2

M: 159,82 CAS: 7726-95-6 EINECS: 231-778-1 NC: 2801 30 90 UN: 1744
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
Signal Word: Danger



H330-H314-H400

1l~3,190kg 1kg~0,313l

SPECIFICATIONS:

Assay (Iodom.)	99 %
Non-volatile matter	0,05 %
Chlorine (Cl)	0,3 %
Iodine (I)	0,001 %
Sulphate (SO_4)	0,003 %
As	0,0001 %
Cu	0,0005 %
Ni	0,0005 %
Pb	0,00005 %

Order code	Package	Units/Box st.
141199.2208	100 ml	6
141199.2209	250 ml	6

Bromine, 99% PS

Br_2

M: 159,82 CAS: 7726-95-6 EINECS: 231-778-1 NC: 2801 30 90 UN: 1744
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
Signal Word: Danger



H330-H314-H400

1l~3,190kg 1kg~0,313l

SPECIFICATIONS:

Minimum assay (Iodom.)	99 %

Order code	Package	Units/Box st.
161199.2209	250 ml	6
161199.2211	1000 ml	3

Bromine (Bromate-Bromide) 0,05 mol/l (0,1N) SV

Indicator: Starch

NC: 3822 00 00

1l~1,011kg 1kg~0,989l

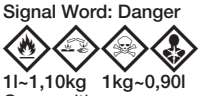
SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
182000.1211	1000 ml	6

Bromine Index AMCS solution PA

NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H225-H314-H331-H311-H301-H351-H372-EUH059

1l~1,10kg 1kg~0,90l

Composition:

Acetic Acid glacial	71,4 ml
Sulphuric Acid 20%	1,8 ml
Carbon Tetrachloride	13,4 ml
Methanol	13,4 ml

Order code	Package	Units/Box st.
124850.1611	1000 ml	6

Bromine Index AMDS solution PA

NC: 3822 00 00 UN: 1760
UN: 1760 ADR: 8/II IMDG: 8/II IATA: 8/II PAX: 808 CAO: 812 (E)
Signal Word: Danger



H225-H314-H332-H312-H302-H351

1l~1,062kg 1kg~0,941l

Composition accordint to ASTM D2710-99 and ASTM D1159-07:

Acetic Acid glacial	714 ml
Sulphuric Acid (1+5)	18 ml
Methanol	134 ml
Dichloromethane	134 ml

Order code	Package	Units/Box st.
125535.1611	1000 ml	6

Bromine Index AMPS solution PA

NC: 3822 00 00 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H225-H314-H332-H302-

1l~1,027kg 1l~0,973l

Composition:

Acetic Acid glacial	71,4 ml
Sulphuric Acid 20%	1,8 ml
Methanol	13,4 ml
1-Methyl-2-Pyrrolidone	13,4 ml

Order code	Package	Units/Box st.
125397.1211	1000 ml	6

Bromine Iodide

(see Iodine mono-Bromide)

Bromine Water saturated solution RE

Br_2

M: 159,92 CAS: 7726-95-6 NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H331-H319-H315-H411

1l~1,03kg 1kg~0,97l

Composition:

Bromine	1,5 ml
Water	100 ml

Order code	Package	Units/Box st.
171072.1610	500 ml	6

4-Bromoacetanilide, 98% PS

C_8H_8BrNO

M: 214,07 CAS: 103-88-8 EINECS: 203-154-9 NC: 2924 29 95

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Melting range	167-170°C

Order code	Package	Units/Box st.
15A644.1608	100 g	6

Bromoacetic Acid, 99% PS

$C_2H_3BrO_2$

M: 138,95 CAS: 79-08-3 EINECS: 201-178-5 NC: 2915 29 00 UN: 3425
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 822
Signal Word: Danger



H331-H311-H301-H314-H317-H400

SPECIFICATIONS:

Minimum assay	99 %

Order code	Package	Units/Box st.
15A977.1609	250 g	6
15A977.1611	1000 g	6

Bromoacetic Acid Ethyl Ester

(see Ethyl Bromoacetate)

3'-Bromoacetophenone, 98% PS

C_8H_7BrO

M: 199,05 CAS: 2142-63-4 EINECS: 218-396-0 NC: 2914 70 00

Signal Word: Warning



H319-H335-H315

1l~1,496kg 1kg~0,668l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B348.1604	5 ml	6
15B348.1606	25 ml	6
15B348.1608	100 ml	6

4'-Bromoacetophenone, 98% PS

C_8H_7BrO

M: 199,05 CAS: 99-90-1 EINECS: 202-799-3 NC: 2914 70 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B349.1606	25 g	6
15B349.1608	100 g	6

2-Bromoaniline, 98% PS

C_6H_6BrN

M: 172,03 CAS: 615-36-1 EINECS: 210-421-3 NC: 2921 42 10 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373

1l~1,578kg 1kg~0,634l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B235.1606	25 g	6
15B235.1608	100 g	6

4-Bromoaniline (Reag. USP) PA

$BrC_6H_4NH_2$

M: 172,03 CAS: 106-40-1 EINECS: 203-393-9 NC: 2921 42 10 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 62-64°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,05 %
Water (H_2O) ..... 0,25 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122842.1606	25 g	6

4-Bromoaniline, 98% PS

$BrC_6H_4NH_2$

M: 172,03 CAS: 106-40-1 EINECS: 203-393-9 NC: 2921 42 10 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 61-66°C

Order code	Package	Units/Box st.
162842.1608	100 g	6

3-Bromoanisole, 98% PS

C_7H_7BrO

M: 187,04 CAS: 2398-37-0 EINECS: 219-264-5 NC: 2909 30 38

H412

1l~1,477kg 1kg~0,677l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B243.1608	100 ml	6

3-Bromobenzaldehyde, 97% PS

C_7H_5BrO

M: 185,03 CAS: 3132-99-8 EINECS: 221-526-9 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

1l~1,587kg 1kg~0,630l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B289.1606	25 ml	6
15B289.1608	100 ml	6

4-Bromobenzaldehyde, 99% PS

C_7H_5BrO

M: 185,02 CAS: 1122-91-4 EINECS: 214-365-0 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B290.1606	25 g	6
15B290.1608	100 g	6

Bromobenzene, 99% PS

C_6H_5Br

M: 157,02 CAS: 108-86-1 EINECS: 203-623-8 NC: 2903 69 90 UN: 2514
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H315-H411

1l~1,496kg 1kg~0,668l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,494-1,497
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A737.1609	250 ml	6
15A737.1611	1000 ml	6
15A737.1214	5 l (P)	4

2-Bromobenzoic Acid, 99% PS

$C_7H_5BrO_2$

M: 201,03 CAS: 88-65-3 EINECS: 201-848-6 NC: 2916 39 00

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 147-149°C

Order code	Package	Units/Box st.
15B577.1208	100 g (P)	6

4-Bromobenzonitrile, 99% PS

C_7H_4BrN

M: 182,03 CAS: 623-00-7 EINECS: 210-764-9 NC: 2926 90 95 UN: 3439
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302-H319-H412

1l~1,562kg 1kg~0,640l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B301.1605	10 g	6
15B301.1607	50 g	6

2-Bromobenzoyl Chloride, 98% PS

C_7H_4BrClO

M: 219,46 CAS: 7154-66-7 EINECS: 230-507-4 NC: 2916 39 00 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,674kg 1kg~0,597l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B377.1605	10 ml	6
15B377.1607	50 ml	6

3-Bromobenzoyl Chloride, 98% PS

C_7H_4BrClO

M: 219,47 CAS: 1711-09-7 EINECS: 216-97-89 NC: 2916 39 00 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,662kg 1kg~0,602l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B378.1604	5 ml	6
15B378.1606	25 ml	6

4-Bromobenzoyl Chloride, 98% PS

C_7H_4BrClO

M: 219,47 CAS: 586-75-4 EINECS: 209-580-1 NC: 2916 39 00 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B379.1605	10 g	6
15B379.1606	25 g	6

2-Bromobenzyl Bromide, 98% PS

$C_7H_6Br_2$

M: 249,94 CAS: 3433-80-5 EINECS: 222-334-8 NC: 2903 69 90 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B364.1606	25 g	6

3-Bromobenzyl Bromide, 99% PS

$C_7H_6Br_2$

M: 249,94 CAS: 823-78-9 EINECS: 212-519-1 NC: 2903 69 90 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H335

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B365.1604	5 g	6
15B365.1606	25 g	6

4-Bromobenzyl Bromide, 98% PS

$C_7H_6Br_2$

M: 249,94 CAS: 589-15-1 EINECS: 209-636-5 NC: 2903 69 90 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H335

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B366.1606	25 g	6
15B366.1608	100 g	6

3-Bromobenzyl Chloride, 99% PS

C_7H_6BrCl

M: 205,48 CAS: 932-77-4 NC: 2903 69 90
Signal Word: Danger



H314

1l~1,608kg 1kg~0,622l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B367.1604	5 ml	6
15B367.1606	25 ml	6

4-Bromobiphenyl, 98% PS

$C_{12}H_9Br$

M: 233,12 CAS: 92-66-0 EINECS: 202-176-6 NC: 2903 69 90
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 87-90°C

Order code	Package	Units/Box st.
15A953.1605	10 g	6
15A953.1607	50 g	6

1-Bromobutane, 98% PS

C_4H_9Br

M: 137,03 CAS: 109-65-9 EINECS: 203-691-9 NC: 2903 39 19 UN: 1126
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335

1l~1,273kg 1kg~0,786l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,270-1,275
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A600.1610	500 ml	6
15A600.1611	1000 ml	6

1-Bromo-4-Chlorobutane, 98% PS

C_4H_8BrCl

M: 171,47 CAS: 6940-78-9 EINECS: 230-089-3 NC: 2903 49 80 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H319-H335-H315

1l~1,489kg 1kg~0,672l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B453.1606	25 ml	6
15B453.1608	100 ml	6

Bromochlorophenol Blue PA

pH indicator 3,0 yellow; 4,6 purple blue
$C_{19}H_{10}Br_2Cl_2O_5S$

M: 581,08 CAS: 2553-71-1 EINECS: 219-861-0 NC: 2932 99 85

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,002 mol/l ..... 588-592 nm
A 1%, 1 cm, λmax ..... >900
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
yellow 3,0
purple blue 4,6
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 135°C ..... 5 %
Residue on ignition (as SO_4) ..... 0,5 %

Order code	Package	Units/Box st.
122593.1604	5 g	6

3-Bromo-α-Chlorotoluene

(see 3-Bromobenzyl Chloride)

2-Bromocinnamic Acid, 98% PS

$C_9H_7BrO_2$

M: 227,10 CAS: 7345-79-1 EINECS: 231-353-0 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C138.1604	5 g	6
15C138.1606	25 g	6

3-Bromocinnamic Acid, 98% PS

$C_9H_7BrO_2$

M: 227,05 CAS: 32862-97-8 EINECS: 251-267-7 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C143.1604	5 g	6
15C143.1606	25 g	6

4-Bromocinnamic Acid, 99% PS

$C_9H_7BrO_2$

M: 227,05 CAS: 50663-21-3 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C148.1604	5 g	6
15C148.1606	25 g	6

Bromocresol Green PA-ACS

pH indicator 3,8 yellow; 5,4 blue

$C_{21}H_{14}Br_4O_5S$

M: 698,04 CAS: 76-60-8 EINECS: 200-972-8 NC: 2932 29 85

SPECIFICATIONS:

Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
yellow 3,8
blue 5,4
Transition interval according to ACS ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 110°C ..... 5 %
Residue on ignition (as SO_4) ..... 0,5 %

Order code	Package	Units/Box st.
131759.1603	1 g	6
131759.1604	5 g	6
131759.1606	25 g	6

Bromocresol Green solution 0,04% RV

pH indicator 3,6 yellow; 5,4 blue

$C_{21}H_{14}Br_4O_5S$

M: 698,04 CAS: 76-60-8 NC: 3822 00 00

1l~0,979kg 1kg~1,021l

Composition:
Bromocresol green ..... 40 mg
Ethanol absolute ..... 17 ml
Sodium Hydroxide 0,1 mol/l ..... 0,58 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281760.1208	100 ml (P)	6

Bromocresol Purple PA

pH indicator 5,2 greenish yellow; 6,8 bluish purple

$C_{21}H_{16}Br_2O_5S$

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 2934 99 90

SPECIFICATIONS:

Identity ..... IR p/t.
λ_1 of max. ABS at pH 5,2 ..... 427-433 nm
λ_2 of max. ABS at pH 6,8 ..... 588-590 nm
A 1%, 1cm, λ_1 max. (calc. a.d.s.) ..... >400
A 1%, 1cm, λ_2 max. (calc. a.d.s.) ..... >950
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
greenish yellow 5,2
bluish purple 6,8
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 110°C ..... 1 %
Residue on ignition (as SO_4) ..... 0,5 %

Order code	Package	Units/Box st.
121546.1604	5 g	6
121546.1606	25 g	6

Bromocresol Purple Sodium Salt PA

pH indicator 5,2 greenish yellow; 6,8 bluish purple

$C_{21}H_{15}Br_2NaO_5S$

M: 562,22 CAS: 62625-30-3 EINECS: 263-655-3 NC: 2932 29 85

SPECIFICATIONS:

Identity ..... IR p/t.
λ_1 of max. ABS at pH 5,2 ..... 429-433 nm
λ_2 of max. ABS at pH 6,8 ..... 588-590 nm
A 1%, 1 cm, λ_1 max ..... >300
A 1%, 1 cm, λ_2 max ..... >750
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
greenish yellow 5,2
bluish purple 6,8
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
125027.1604	5 g	6

BROMOCRESOL PURPLE SOLUTIONS

Bromocresol Purple solution 0,025% RV

pH indicator 5,2 greenish yellow; 6,8 bluish purple

$C_{21}H_{16}Br_2O_5S$

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 2932 29 85

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

pH transition interval:
greenish yellow 5,2
bluish purple 6,8

Order code	Package	Units/Box st.
282861.1211	1000 ml (P)	6

Bromocresol Purple solution 0,04% RV

pH indicator 5,2 greenish yellow; 6,8 bluish purple

$C_{21}H_{16}Br_2O_5S$

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 2932 29 85

1l~0,976kg 1kg~1,024l

SPECIFICATIONS:

pH transition interval:
greenish yellow 5,2
bluish purple 6,8

Order code	Package	Units/Box st.
281547.1208	100 ml (P)	6

Bromocresol Purple 0,2% tablets 0,1g RV

pH indicator 5,2 greenish yellow; 6,8 bluish purple

$C_{21}H_{16}Br_2O_5S$

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 3822 00 00

SPECIFICATIONS:

λ_1 of max. ABS at pH 5,2 ..... 427-432 nm
λ_2 of max. ABS at pH 6,8 ..... 588-590 nm
ABS at λ_1 max. (0,4% sol.) 0,30-0,38
ABS at λ_2 max. (0,4% sol.) 0,70-0,90

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
greenish yellow 5,2
bluish purple 6,8

Order code	Package	Units/Box st.	
283357.1209	250 g (P)	6	(*)

(*) 2500 tablets of 0,1 g

Bromocyclopropane
(see Cyclopropyl Bromide)

1-Bromo-2,3-Dichlorobenzene
(see 3-Bromo-1,2-Dichlorobenzene)

1-Bromo-2,4-Dichlorobenzene
(see 4-Bromo-1,3-Dichlorobenzene)

1-Bromo-3,4-Dichlorobenzene
(see 4-Bromo-1,2-Dichlorobenzene)

3-Bromo-1,2-Dichlorobenzene, 98% PS
$C_6H_3BrCl_2$
M: 225,89 CAS: 56961-77-4 EINECS: 260-476-2 NC: 2903 69 90
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C017.1606	25 g	6
15C017.1608	100 g	6

4-Bromo-1,2-Dichlorobenzene, 98% PS
$C_6H_3BrCl_2$
M: 225,89 CAS: 18282-59-2 EINECS: 242-160-6 NC: 2903 69 90
Signal Word: Warning


H319-H335-H315

1l~1,761 kg 1kg~0,568l

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C020.1604	5 ml	6
15C020.1606	25 ml	6

4-Bromo-1,3-Dichlorobenzene, 98% PS
$C_6H_3BrCl_2$
M: 225,89 CAS: 1193-72-2 EINECS: 214-778-6 NC: 2903 69 90
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C028.1604	5 g	6
15C028.1606	25 g	6

4-Bromo-2,6-Dimethylaniline, 98% PS
$C_8H_{10}BrN$
M: 200,07 CAS: 24596-19-8 EINECS: 246-337-9 NC: 2921 42 90
Signal Word: Warning


H332-H312-H302-H319-H335-H315

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C022.1604	5 g	6
15C022.1606	25 g	6

1-Bromo-2,3-Dimethylbenzene
(see 3-Bromo-1,2-Dimethylbenzene)

3-Bromo-1,2-Dimethylbenzene, 99% PS
C_8H_9Br
M: 185,06 CAS: 576-23-8 EINECS: 209-398-2 NC: 2903 69 90
Signal Word: Warning


H319-H335-H315

1l~1,365kg 1kg~0,733l

SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C011.1604	5 ml	6
15C011.1606	25 ml	6

Bromoethane, 99% PS
C_2H_5Br
M: 108,97 CAS: 74-96-4 EINECS: 200-825-8 NC: 2903 39 19 UN: 1891
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger


H225-H332-H302-H351

1l~1,459kg 1kg~0,685l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,458-1,460
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A738.1609	250 ml	6
15A738.1611	1000 ml	6

2-Bromoethylammonium Bromide, 99% PS
$C_2H_7Br_2N$
M: 204,90 CAS: 2576-47-8 EINECS: 219-924-2 NC: 2921 19 80

SPECIFICATIONS:
Minimum assay (Arg.) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A627.1608	100 g	6

4-Bromo-2-Fluoroaniline, 98% PS
C_6H_5BrFN
M: 190,01 CAS: 367-24-8 EINECS: 206-685-4 NC: 2921 42 10
Signal Word: Warning


H332-H312-H302-H319-H335-H315

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C012.1605	10 g	6
15C012.1607	50 g	6

3-Bromo-4-Fluorobenzaldehyde, 98% PS
C_7H_4BrFO
M: 203,01 CAS: 77771-02-9 EINECS: 278-764-1 NC: 2913 00 00
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C077.1604	5 g	6
15C077.1606	25 g	6

4-Bromo-2-Fluorobenzaldehyde, 96% PS
C_7H_4BrFO
M: 203,01 CAS: 57848-46-1 NC: 2913 00 00
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Assay ..... 96 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C082.1604	5 g	6
15C082.1606	25 g	6

5-Bromo-2-Fluorobenzaldehyde, 98% PS
C_7H_4BrFO
M: 203,01 CAS: 93777-26-5 EINECS: 298-056-6 NC: 2913 00 00
Signal Word: Warning


H319-H335-H315

1l~1,710kg 1kg~0,585l

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C085.1604	5 g	6
15C085.1606	25 g	6

1-Bromo-3-Fluorobenzene, 98% PS

C_6H_4BrF

M: 175,00 CAS: 1073-06-9 EINECS: 214-023-0 NC: 2903 69 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H319-H335-H315

1l~1,567kg 1kg~0,638l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B458.1606	25 ml	6
15B458.1608	100 ml	6

2-Bromo-5-Fluorotoluene, 98% PS

C_7H_6BrF

M: 189,02 CAS: 452-63-1 EINECS: 207-203-5 NC: 2903 69 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H319-H335-H315

1l~1,495kg 1kg~0,669l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C027.1604	5 ml	6
15C027.1606	25 ml	6

α-Bromo-4-Fluorotoluene

(see 4-Fluorobenzyl Bromide)

Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX

Br_3CH

M: 252,75 CAS: 75-25-2 EINECS: 200-854-6 NC: 2903 39 19 UN: 2515
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H302-H331-H315-H319-H411

1l~2,825kg 1kg~0,354l

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/4 2,810-2,830

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP) ..... p/t.
Ethanol (G.C.) ..... 1,0 %
Foreign odorous substances ..... p/t.
Acidity ..... p/t.
Chlorine compounds ..... p/t.
Water (H_2O) ..... 0,1 %
Free bromine ..... p/t.
Bromide ..... p/t.

Order code	Package	Units/Box st.
141201.1611	1000 g	6
141201.1614	5 kg	4
141201.0816	25 kg P	

Bromoform, 99% stabilized with ~1% of ethanol PS

Br_3CH

M: 252,75 CAS: 75-25-2 EINECS: 200-854-6 NC: 2903 39 19 UN: 2515
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H302-H331-H315-H319-H411

1l~2,825kg 1kg~0,354l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 2,810-2,830
Ethanol (G.C) ..... 1,0 %
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
161201.1609	250 g	6
161201.1611	1000 g	6

1-Bromoheptane, 98% PS

$C_7H_{15}Br$

M: 179,10 CAS: 629-04-9 EINECS: 211-068-8 NC: 2903 39 19
1l~1,142kg 1kg~0,876l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,137-1,145
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A601.1610	500 ml	6

1-Bromohexane, 98% PS

$C_6H_{13}Br$

M: 165,08 CAS: 111-25-1 EINECS: 203-850-2 NC: 2903 39 19 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226

1l~1,176kg 1kg~0,850l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,174-1,178
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A602.1609	250 ml	6
15A602.1611	1000 ml	6

5-Bromoindole, 99% PS

C_8H_6BrN

M: 196,04 CAS: 10075-50-0 EINECS: 233-208-7 NC: 2933 99 90

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B654.1604	5 g	6
15B654.1206	25 g P	6

1-Bromo-4-Iodobenzene, 98% stabilized with copper PS

C_6H_4BrI

M: 282,90 CAS: 589-87-7 EINECS: 209-662-7 NC: 2903 69 90
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A340.1606	25 g	6
15A340.1608	100 g	6

1-Bromo-3-Methoxybenzene

(see 3-Bromoanisole)

Bromomethylcyclopropane, 91% PS

C_4H_7Br

M: 135,00 CAS: 7051-34-5 EINECS: 230-331-8 NC: 2903 39 19 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226

1l~1,407kg 1kg~0,710l

SPECIFICATIONS:

Minimum assay ..... 91 %

Order code	Package	Units/Box st.
15A043.1603	1 ml	6
15A043.1604	5 ml	6

1-Bromo-2-Methylpropane, 99% PS

C_4H_9Br

M: 137,02 CAS: 78-77-3 EINECS: 201-141-2 NC: 2903 39 19 UN: 2342
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H335

1l~1,260kg 1kg~0,793l

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A058.1608	100 ml	6
15A058.1610	500 ml	6

2-Bromo-2-Methylpropane, 97% stabilized with potassium carbonate PS

C_4H_9Br

M: 137,03 CAS: 507-19-7 EINECS: 208-065-9 NC: 2903 39 19 UN: 2342
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H302

1l~1,216kg 1kg~0,822l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 97 %
Identity ..... IR p/t.
Density at 20/4 1,215-1,225

Order code	Package	Units/Box st.
15A626.1608	100 ml	6
15A626.1610	500 ml	6
15A626.1611	1000 ml	6

1-Bromonaphthalene, 96% PS

$C_{10}H_7Br$

M: 207,08 CAS: 90-11-9 EINECS: 201-965-2 NC: 2903 69 90
1l~1,485kg 1kg~0,673l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 96 %
Identity ..... IR p/t.
Density at 20/4 1,483-1,486

Order code	Package	Units/Box st.
15A603.1608	100 ml	6
15A603.1610	500 ml	6

2-Bromonaphthalene, 97% PS

$C_{10}H_7Br$

M: 207,08 CAS: 580-13-2 EINECS: 209-452-5 NC: 2903 69 90

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B327.1604	5 g	6
15B327.1606	25 g	6

2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX

$C_3H_6BrNO_4$

M: 199,99 CAS: 52-51-7 EINECS: 200-143-0 NC: 2905 59 99 UN: 3241
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 434 CAO: 434
Signal Word: Danger


H312-H302-H335-H315-H318-H400

SPECIFICATIONS:

Assay ($C_3H_6BrNO_4$) calc. a.d.s. ..... 99,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
pH of 1% solution 5,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Related substances ..... p/t.
Water (H_2O) ..... 0,5 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
144747.1208	100 g	6
144747.1211	1000 g	6

2-Bromo-2-Nitro-1,3-Propanediol, 98% PS

$C_3H_6BrNO_4$

M: 199,99 CAS: 52-51-7 EINECS: 200-143-0 NC: 2905 59 99 UN: 3241
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 434 CAO: 434
Signal Word: Danger


H312-H302-H335-H315-H318-H400

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
154747.1206	25 g	6

4-Bromo-3-Nitrotoluene, 98% PS

$C_7H_6BrNO_2$

M: 216,03 CAS: 5326-34-1 EINECS: 226-203-6 NC: 2904 90 85
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B994.1604	5 g	6
15B994.1606	25 g	6

α-Bromo-4-Nitrotoluene

(see 4-Nitrobenzyl Bromide)

1-Bromononane, 98% PS

$C_9H_{19}Br$

M: 207,16 CAS: 693-58-3 EINECS: 211-755-2 NC: 2903 39 19
1l~1,087kg 1kg~0,920l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B326.1606	25 ml	6
15B326.1608	100 ml	6

1-Bromopentane, 99% PS

$C_5H_{11}Br$

M: 151,05 CAS: 110-53-2 EINECS: 203-776-0 NC: 2903 39 19 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H319-H335-H315

1l~1,220kg 1kg~0,819l

SPECIFICATIONS:

Minimum assay ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,215-1,218

Order code	Package	Units/Box st.
15A920.1608	100 ml	6
15A920.1610	500 ml	6

2-Bromophenol, 98% PS

C_6H_5BrO

M: 173,00 CAS: 95-56-7 EINECS: 202-432-7 NC: 2908 19 00
Signal Word: Warning


H226-H302-H319-H335-H315

1l~1,492kg 1kg~0,670l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B276.1605	10 ml	6
15B276.1607	50 ml	6

3-Bromophenol, 98% PS

C_6H_5BrO

M: 173,02 CAS: 591-20-8 EINECS: 209-706-5 NC: 2908 19 00
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B275.1606	25 g	6

4-Bromophenol, 98 % PS

C_6H_5BrO

M: 173,01 CAS: 106-41-2 EINECS: 203-394-4 NC: 2908 19 00
Signal Word: Warning


H302-H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B277.1608	100 g	6
15B277.1610	500 g	6

Bromophenol Blue PA-ACS

pH indicator 3,0 greenish yellow; 4,6 blue
$C_{19}H_{10}Br_4O_5S$
M: 669,99 CAS: 115-39-9 EINECS: 204-086-2 NC: 2932 99 85
SPECIFICATIONS:
Identity.....IR p/t.
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
greenish yellow.....3,0
blue.....4,6
Transition interval according to ACS ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 110°C.....5 %
Residue on ignition (as SO_4) .....0,5 %
Cu .....0,005 %
Fe.....0,005 %
Ni .....0,005 %
Pb .....0,005 %

Order code	Package	Units/Box st.
131165.1604	5 g	6
131165.1606	25 g	6

Bromophenol Blue DC

for microscopy, proteins staining
$C_{19}H_{10}Br_4O_5S$
M: 669,99 CAS: 115-39-9 EINECS: 204-086-2 NC: 2932 99 85
SPECIFICATIONS:
Identity.....IR p/t.
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C.....5 %

Order code	Package	Units/Box st.
251165.1604	5 g	6
251165.1606	25 g	6

Bromophenol Blue solution 0,04% RV

pH indicator 3,0 greenish yellow; 4,6 blue
$C_{19}H_{10}Br_4O_5S$
M: 669,99 CAS: 115-39-9 NC: 3822 00 00
1l~0,976kg 1kg~1,025l
Composition:
Bromophenol Blue.....40 mg
Sodium Hydroxide 0,1 mol/l.....1,1 ml
Ethanol absolute.....17 ml
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
281166.1208	100 ml	6

4-Bromophenylhydrazinium Chloride, 96% PS

$C_6H_8BrClN_2$
M: 223,51 CAS: 41931-18-4 EINECS: 255-590-4 NC: 2928 00 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 613 CAO: 615
Signal Word: Danger
H331-H311-H301-H319-H335-H315
SPECIFICATIONS:
Minimum assay ..... 96 %

Order code	Package	Units/Box st.
15A308.1605	10 g	6
15A308.1607	50 g	6

2-Bromopropane, 99% PS

C_3H_7Br
M: 123,00 CAS: 75-26-3 EINECS: 200-855-1 NC: 2903 39 19 UN: 2344
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger
H360F-H225-H373-H332-EUH066
1l~1,31kg 1kg~0,76l
SPECIFICATIONS:
Minimum assay ..... 99 %
Identity.....IR p/t.
Density at 20/4 1,310-1,315
Water (H_2O).....0,1 %

Order code	Package	Units/Box st.
15A918.1609	250 ml	6
15A918.1611	1000 ml	6

Bromopyrogallol Red PA

for complexometry
$C_{19}H_{10}Br_2O_9S$
M: 558,17 CAS: 16574-43-9 EINECS: 240-632-6 NC: 2932 29 85
SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in Pyridine/H_2O ..... 554-560 nm
A 1%, 1 cm, λmax.....≥650
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C.....2 %

Order code	Package	Units/Box st.
122638.1604	5 g	6

N-Bromosuccinimide, 98% PS

$(CH_2.CO)_2NBr$
M: 177,99 CAS: 128-08-5 EINECS: 204-877-2 NC: 2925 19 95 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Warning
H302-H319-H335-H315
SPECIFICATIONS:
Minimum assay (Iodom.) ..... 98 %
Identity.....IR p/t.
Melting range..... 174-179°C

Order code	Package	Units/Box st.
15A834.1609	250 g	6

Bromothymol Blue PA-ACS

pH indicator 6,0 yellow; 7,6 blue
$C_{27}H_{28}Br_2O_5S$
M: 624,40 CAS: 76-59-5 EINECS: 200-971-2 NC: 2932 99 85
SPECIFICATIONS:
Identity.....IR p/t.
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
yellow 6,0
blue.....7,6
Transition interval according to ACS ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 110°C.....5 %
Residue on ignition (as SO_4) .....0,5 %
Cu .....0,005 %
Fe.....0,005 %
Ni .....0,005 %
Pb .....0,005 %

Order code	Package	Units/Box st.
131167.1604	5 g	6
131167.1606	25 g	6

Bromothymol Blue DC

for microscopy, vital staining
$C_{27}H_{28}Br_2O_5S$
M: 624,40 CAS: 76-59-5 EINECS: 200-971-2 NC: 2932 99 85
SPECIFICATIONS:
Identity.....IR p/t.
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C.....5 %

Order code	Package	Units/Box st.
251167.1604	5 g	6
251167.1606	25 g	6

BROMOTHYMOL BLUE SOLUTIONS

Bromothymol Blue solution 0,04% RV

pH indicator 6,0 yellow; 7,6 blue
$C_{27}H_{28}Br_2O_5S$
M: 624,40 CAS: 76-59-5 NC: 3822 00 00
1l~0,974kg 1kg~1,027l
Composition:
Bromothymol Blue.....40 mg
Sodium Hydroxide 0,1 mol/l.....0,8 ml
Ethanol absolute.....20,4 ml
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
281168.1208	100 ml	6
281168.1209	250 ml	6

Bromothymol Blue solution 0,4% VINIKIT

for determination of total acidity in wine and must. pH indicator 6,0 yellow; 7,6 blue

$C_{27}H_{28}Br_2O_5S$

M: 624,40 CAS: 76-59-5 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,932kg 1kg~1,073l

Composition:

Bromothymol Blue....0,4 g
Sodium Hydroxide 0,1 mol/l....1,8 ml
Ethanol absolute....50 ml
Water s.q.m....100 ml

Order code	Package	Units/Box st.
624566.1209	250 ml (P)	6

2-Bromotoluene, 98% PS

C_7H_7Br

M: 171,04 CAS: 95-46-5 EINECS: 202-421-7 NC: 2903 69 90

Signal Word: Warning



H319-H335-H315

1l~1,42kg 1kg~0,70l

SPECIFICATIONS:

Assay....98 %
Identity....IR p/t.

Order code	Package	Units/Box st.
15B309.1606	25 ml	6
15B309.1608	100 ml	6

4-Bromotoluene, 98% PS

C_7H_7Br

M: 171,05 CAS: 106-38-7 EINECS: 203-391-8 NC: 2903 69 90 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H332-H302-H319-H335-H315-H411

1l~1,400kg 1kg~0,714l

SPECIFICATIONS:

Assay....98 %
Identity....IR p/t.

Order code	Package	Units/Box st.
15B311.1608	100 ml	6
15B311.1610	500 ml	6

Bromotrichloromethane, 98% PS

$CBrCl_3$

M: 198,27 CAS: 75-62-7 EINECS: 200-886-0 NC: 2903 49 80 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H332-H312-H302

1l~2,010kg 1kg~0,497l

SPECIFICATIONS:

Minimum assay (G.C.)....98 %
Identity....IR p/t.
Density at 20/4....2,00-2,01
Water (H_2O)....0,05 %

Order code	Package	Units/Box st.
15A740.1608	100 ml	6
15A740.1609	250 ml	6

3-Bromo-o-Xylene

(see 3-Bromo-1,2-Dimethylbenzene)

4-Bromo-2,6-Xylidine

(see 4-Bromo-2,6-Dimethylaniline)

Bronopol

(see 2-Bromo-2-Nitro-1,3-Propanediol)

Broth (prepared for Microbiology)

(see chapter CULTIMED products)

Broth Base (prepared for Microbiology)

(see chapter CULTIMED products)

BSA

(see N,O-Bis (Trimethylsilyl) Acetamide)

BSTFA

(see N,O-Bis (Trimethylsilyl) Trifluoroacetamide)

Buffer for Fungal Falling Number RE

NC: 3822 00 00

1l~1,006kg 1kg~0,994l

Composition:

Calcium Acetate 1-hydrate....1,2 g
Acetic Acid glacial....0,13 ml
Water s.q.m....100 ml

Order code	Package	Units/Box st.
175307.1209	250 ml (P)	6

IONIZATION BUFFERS FOR ATOMIC ABSORPTION

Buffer Solution Aluminium Nitrate/Cesium Chloride RE

($Al(NO_3)_3.9H_2O$ + CsCl in H_2O) for the ionization control in atomic absorption according to Schuhknecht and Schinkel

NC: 3822 00 00

Signal Word: Warning



H319-H315

1l~1,140kg 1kg~0,877l

SPECIFICATIONS:

Assay (as $Al(NO_3)_3.9H_2O$)....247,5-252,5 g/l
Assay (as CsCl)....49,5-50,5 g/l

Metals by ICP [mg/Kg (ppm)]

Li....1
K....1
Na....5

Order code	Package	Units/Box st.
176167.1211	1000 ml (P)	6

Buffer Solution Cesium Chloride/Lanthanum Chloride RE

(CsCl + La_2O_3 in HCl) for the ionization control in atomic absorption according to Schinkel

NC: 3822 00 00

1l~1,176kg 1kg~0,850l

SPECIFICATIONS:

Assay (as La)....95,2-105,2 g/l
Assay (as Cs)....7,50-8,28 g/l

Metals by ICP [mg/Kg (ppm)]

Ca....5
Cd....0,2
Co....1
Cr....1
Cu....0,2
Fe....1
K....1
Li....0,2
Mg....1
Mn....0,2
Na....2
Ni....1
Sr....1
Zn....2

Order code	Package	Units/Box st.
176168.1211	1000 ml (P)	6

Buffer Solution pH 10 RV

for complexometry

NC: 3822 00 00 UN: 1719

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314-H411

1l~0,977kg 1kg~1,024l

Composition:

Ammonium Chloride....6,75 g
Ammonia 30%....35 ml
Water s.q.m....100 ml

Order code	Package	Units/Box st.
281730.1208	100 ml (P)	6
281730.1209	250 ml (P)	6
281730.1211	1000 ml (P)	6

BUFFERS FOR CALIBRATION OF pH-METERS

Buffers, capsules

pH Buffer 4,01 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	4,00
15	4,01
20	4,01
25	4,01
30	4,01
35	4,02
40	4,03
50	4,06
60	4,08

Order code	Package	Units/Box st.
293164.1224	25 Capsules	6

pH Buffer 7,00 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	7,07
15	7,04
20	7,02
25	7,00
30	6,99
35	6,98
40	6,97
50	6,96
60	6,96

Order code	Package	Units/Box st.
293165.1224	25 Capsules	6

pH Buffer 9,00 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	9,21
15	9,14
20	9,06
25	9,00
30	8,96
35	8,92
40	8,88
50	8,83
60	8,81

Order code	Package	Units/Box st.
293166.1224	25 Capsules	6

pH Buffer 10,00 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

Signal Word: Warning

H319

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	10,18
15	10,14
20	10,06
25	10,00
30	9,95
35	9,91
40	9,85
50	9,78
60	9,75

Order code	Package	Units/Box st.
293167.1224	25 Capsules	6

Buffers, solutions

Buffer Solution pH 1,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,005kg 1kg~0,995l

Composition:

Glycine	0,168 g
Sodium Chloride	0,132 g
Hydrochloric Acid 35%	11 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	-0,04
5	-0,01
10	-0,01
15	-0,01
20	0
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	+0,01

Order code	Package	Units/Box st.
272580.1209	250 ml	6
272580.1211	1000 ml	6

Buffer Solution pH 2,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,007kg 1kg~0,993l

Composition:

Citric Acid 1 H_2O	6,430 g
Sodium Hydroxide 50% sol. w/w	3,26 ml
Hydrochloric Acid 35%	6,126 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,01
5	+0,01
10	+0,01
15	0
20	0
25	0
30	0
35	0
40	0
50	0

Order code	Package	Units/Box st.
272581.1209	250 ml	6
272581.1211	1000 ml	6

Buffer Solution pH 3,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,005kg 1kg~0,995l

Composition:

Citric Acid 1 H_2O	8,470 g
Sodium Hydroxide 50% sol. w/w	4,3 ml
Hydrochloric Acid 35%	5,269 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,05
5	+0,05
10	+0,03
15	+0,01
20	0
25	0
30	0
35	0
40	-0,02
50	-0,03

Order code	Package	Units/Box st.
272537.1209	250 ml	6
272537.1211	1000 ml	6

Buffer Solution pH 4,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,008kg 1kg~0,992l

Composition:

Citric Acid 1 H_2O ..... 11,768 g
Sodium Hydroxide 50% sol. w/w ..... 6 ml
Hydrochloric Acid 35% ..... 3,96 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,05
5	+0,04
10	+0,02
15	+0,01
20	0
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	0

Order code	Package	Units/Box st.
272168.1209	250 ml	6
272168.1211	1000 ml	6
272168.1214	5 l	4
272168.1315	10 l	(*)

Buffer Solution pH 4,00 ±0,02 (20°C) (red colour) ST

NC: 3822 00 00

1l~1,005kg 1kg~0,995l

Composition:

Citric Acid 1 H_2O ..... 11,768 g
Sodium Hydroxide 50% sol. w/w ..... 6 ml
Hydrochloric Acid 35% ..... 3,96 ml
Amaranth ..... 4 mg/l
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,05
5	+0,04
10	+0,02
15	+0,01
20	0
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	0

Order code	Package	Units/Box st.
273616.0922	12 x 20 ml	6
273616.1209	250 ml	6
273616.1211	1000 ml	6
273616.1315	10 l	(*)

Buffer Solution pH 5,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,015kg 1kg~0,985l

Composition:

Citric Acid 1 H_2O ..... 20,256 g
Sodium Hydroxide 50% sol. w/w ..... 10,45 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,06
5	+0,05
10	+0,02
15	+0,01
20	0
25	0
30	0
35	0
40	0
50	+0,01

Order code	Package	Units/Box st.
272582.1209	250 ml	6
272582.1211	1000 ml	6

Buffer Solution pH 6,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,010kg 1kg~0,990l

Composition:

Citric Acid 1 H_2O ..... 12,526 g
Sodium Hydroxide 50% sol. w/w ..... 8,43 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,04
5	+0,02
10	+0,01
15	0
20	0
25	+0,02
30	+0,03
35	+0,03
40	+0,04
50	+0,06

Order code	Package	Units/Box st.
272549.1209	250 ml	6
272549.1211	1000 ml	6

Buffer Solution pH 7,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,006kg 1kg~0,994l

Composition:

Potassium di-Hydrogen Phosphate ..... 3,522 g
di-Sodium Hydrogen Phosphate 12 H_2O ..... 14,020 g
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,13
5	+0,07
10	+0,05
15	+0,02
20	0
25	-0,02
30	-0,02
35	-0,04
40	-0,05
50	-0,05

Order code	Package	Units/Box st.
272170.1209	250 ml	6
272170.1211	1000 ml	6
272170.1214	5 l	4
272170.1315	10 l	(*)

Buffer Solution pH 7,00 ±0,02 (20°C) (yellow colour) ST

NC: 3822 00 00

1l~1,007kg 1kg~0,993l

Composition:

Potassium di-Hydrogen Phosphate ..... 3,522 g
di-Sodium Hydrogen Phosphate 12 H_2O ..... 14,020 g
Tartrazine ..... 1,5 mg/l
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,13
5	+0,07
10	+0,05
15	+0,02
20	0
25	-0,02
30	-0,02
35	-0,04
40	-0,05
50	-0,05

Order code	Package	Units/Box st.
273617.0922	12 x 20 ml	6
273617.1209	250 ml	6
273617.1211	1000 ml	6
273617.1315	10 l	(*)

(*) Sol-Pack pack with tap

Buffer Solution pH 7,02 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,008kg 1kg~0,992l

Composition:

Potassium di-Hydrogen Phosphate ..... 3,522 g
di-Sodium Hydrogen Phosphate 12 H_2O ..... 14,020 g
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,13
5	+0,07
10	+0,05
15	+0,02
20	0
25	-0,02
30	-0,02
35	-0,04
40	-0,05
50	-0,05

Order code	Package	Units/Box st.
273108.1209	250 ml	6
273108.1211	1000 ml	6

Buffer Solution pH 8,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,002kg 1kg~0,998l

Composition:

Boric Acid ..... 6,928 g
Sodium Hydroxide 50% sol. w/w ..... 3 ml
Hydrochloric Acid 35% ..... 3,9 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,15
5	+0,10
10	+0,07
15	+0,04
20	0
25	-0,04
30	-0,06
35	-0,08
40	-0,10
50	-0,15

Order code	Package	Units/Box st.
272583.1209	250 ml	6
272583.1211	1000 ml	6

Buffer Solution pH 9,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,006kg 1kg~0,994l

Composition:

Boric Acid ..... 3,092 g
Potassium Chloride ..... 3,728 g
Sodium Hydroxide 50% sol. w/w ..... 1,10 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,24
5	+0,16
10	+0,11
15	+0,05
20	0
25	-0,05
30	-0,09
35	-0,12
40	-0,15
50	-0,21

Order code	Package	Units/Box st.
272172.1209	250 ml	6
272172.1211	1000 ml	6
272172.1214	5 l	4
272172.1315	10 l	(*)

Buffer Solution pH 9,23 ±0,02 (20°C) ST

NC: 3822 00 00

1l~1,001kg 1kg~0,999l

Composition:

Boric Acid ..... 2,475 g
Sodium Hydroxide pellets ..... 0,825 g
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,24
5	+0,17
10	+0,11
15	+0,05
20	0
25	-0,05
30	-0,09
35	-0,12
40	-0,16
50	-0,21

Order code	Package	Units/Box st.
273107.1209	250 ml	6
273107.1211	1000 ml	6

Buffer Solution pH 10,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l~1,006kg 1kg~0,994l

Composition:

Boric Acid ..... 3,092 g
Potassium Chloride ..... 3,728 g
Sodium Hydroxide 50% sol. w/w ..... 2,34 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,26
5	+0,17
10	+0,11
15	+0,05
20	0
25	-0,06
30	-0,11
35	-0,16
40	-0,18
50	-0,26

Order code	Package	Units/Box st.
272584.1209	250 ml	6
272584.1211	1000 ml	6
272584.1214	5 l	4

Buffer Solution pH 10,00 ±0,05 (20°C) (blue colour) ST

NC: 3822 00 00

1l~1,004kg 1kg~0,996l

Composition:

Boric Acid ..... 3,092 g
Potassium Chloride ..... 3,728 g
Sodium Hydroxide 50% sol. w/w ..... 2,34 ml
Brillant Blue FCF ..... 3 mg/l
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,26
5	+0,17
10	+0,11
15	+0,05
20	0
25	-0,06
30	-0,11
35	-0,16
40	-0,18
50	-0,26

Order code	Package	Units/Box st.
273618.0922	12 x 20 ml	6
273618.1209	250 ml	6
273618.1211	1000 ml	6
273618.1315	10 l	(*)

(*) Sol-Pack pack with tap

Buffer Solution pH 11,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l~1,006kg 1kg~0,994l

Composition:

Boric Acid ..... 6,209 g
Sodium Hydroxide 50% sol. w/w ..... 5,33 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,45
5	+0,32
10	+0,20
15	+0,10
20	0
25	-0,10
30	-0,19
35	-0,28
40	-0,36
50	-0,52

Order code	Package	Units/Box st.
272585.1209	250 ml P	6
272585.1211	1000 ml P	6

Buffer Solution pH 12,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l~1,004kg 1kg~0,996l

Composition:

di-Sodium Hydrogen Phosphate 12 H_2O ..... 8,955 g
Sodium Hydroxide 50% sol. w/w ..... 1,19 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,58
5	+0,41
10	+0,26
15	+0,10
20	0
25	-0,12
30	-0,28
35	-0,33
40	-0,46
50	-0,67

Order code	Package	Units/Box st.
272586.1209	250 ml P	6
272586.1211	1000 ml P	6

Buffer Solution pH 13,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l~1,008kg 1kg~0,992l

Composition:

Potassium Chloride ..... 3,728 g
Sodium Hydroxide 50% sol. w/w ..... 2,51 ml
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,80
5	+0,59
10	+0,37
15	+0,18
20	0
25	-0,17
30	-0,33
35	-0,41
40	-0,59
50	-0,85

Order code	Package	Units/Box st.
272587.1209	250 ml P	6
272587.1211	1000 ml P	6

Saline Buffers (PBS)

Buffer Solution pH 7,2 DC

for hematology, according to Weise

NC: 3822 00 00

1l~1,001kg 1kg~0,999l

Composition:

Potassium di-Hydrogen Phosphate ..... 40 mg
di-Sodium Hydrogen Phosphate 12-hydrate. ..... 151 mg
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
252164.1210	500 ml P	6
252164.1211	1000 ml P	6
252164.1212	2,5 l P	4

Buffer Solution pH 7,40 ±0,02 (20°C) ST

(Phosphates)(Saline buffer)

NC: 3822 00 00

1l~1,006kg 1kg~0,994l

Composition:

Sodium Chloride ..... 6,92 g
Potassium Chloride ..... 0,2 g
di-Sodium Hydrogen Phosphate anhydrous ..... 1,4 g
Sodium di-Hydrogen Phosphate 1 H_2O ..... 0,225 g
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
273301.1209	250 ml P	6
273301.1211	1000 ml P	6

Buffer Solution pH 7,60 ±0,02 (20°C) ST

(Phosphates)(Saline buffer)

NC: 3822 00 00

1l~1,005kg 1kg~0,995l

Composition:

Sodium Chloride ..... 6,92 g
Potassium Chloride ..... 0,2 g
di-Sodium Hydrogen Phosphate anhydrous ..... 1,4 g
Sodium di-Hydrogen Phosphate 1 H_2O ..... 0,092 g
Preservative 1% ..... 5 ml
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
273302.1211	1000 ml P	6

Butanal

(see n-Butyraldehyde)

Butanedioic Acid

(see Succinic Acid)

Butanedioic Anhydride

(see Succinic Anhydride)

1,3-Butanediol, 99% PS

$C_4H_{10}O_2$

M: 90,12 CAS: 107-88-0 EINECS: 203-529-7 NC: 2905 39 20

1l~1,004kg 1kg~0,996l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,002-1,005
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15A591.1211	1000 ml P	6
15A591.1714	5 l L	4

1,4-Butanediol, 99% PS

$C_4H_{10}O_2$

M: 90,12 CAS: 110-63-4 EINECS: 203-786-5 NC: 2905 39 25

Signal Word: Warning



H302

1l~1,015kg 1kg~0,984l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,015-1,016
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
15A597.1211	1000 ml P	6
15A597.1212	2,5 l P	4

2,3-Butanedione, 98% PS

$C_4H_6O_2$

M: 86,09 CAS: 431-03-8 EINECS: 207-069-8 NC: 2914 19 90 UN: 2346
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H302

1l~0,985kg
1kg~1,015l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,983-0,987

Order code	Package	Units/Box st.
15A617.1608	100 ml	6
15A617.1610	500 ml	6

2,3-Butanedionemonoxime

(see Diacetylmonoxime)

1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography
$C_4H_9NaO_3S$

M: 160,16 CAS: 2386-54-1 EINECS: 219-201-1 NC: 2904 10 00
SPECIFICATIONS:
Minimum assay (Acidim.) (a.d.s.) ..... 99,0 %
Identity ..... IR p/t.
UV Spectrum 0,005 mol/l solution
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
365769.1605	10 g	6

1-Butane Sulphonic Acid Sodium Salt, 98% PS

$C_4H_9NaO_3S$

M: 160,16 CAS: 2386-54-1 EINECS: 219-201-1 NC: 2904 10 00
SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
155769.1604	5 g	6
155769.1606	25 g	6

Butanoic Acid

(see n-Butyric Acid)

1-Butanol (UV-IR-HPLC) PAI

$CH_3(CH_2)_3OH$

M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H302-H315-H318-H336

CE: 603-004-00-6
1l~0,810kg 1kg~1,235l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,808-0,810
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,03 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	207 (Cut off)	210	220	230	240	250	270-450
A (AU)	1,000	0,602	0,301	0,125	0,071	0,027	0,009
T (%)	10	25	50	75	85	94	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 3,9
Eluotropic value ε°(Al_2O_3) 0,7
Sol. H_2O in solv. at 20°C 20,1
P' + 0,25 E 8,3
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361082.1611	1000 ml	6

1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO

$CH_3(CH_2)_3OH$

M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H302-H315-H318-H336

1l~0,810kg 1kg~1,235l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,808-0,810
Boiling range ..... 116-119°C
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
Acetone (G.C.) ..... 0,01 %
Isobutanol (G.C.) ..... 0,15 %
2-Butanol (G.C.) ..... 0,05 %
Butanal (G.C.) ..... 0,01 %
di-n-Butyl Ether (G.C.) ..... 0,1 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,0008 meq/g
Alkalinity ..... 0,0005 meq/g
Carbonyl compounds (as C_3H_7CHO) ..... 0,01 %
Water (H_2O) ..... 0,1 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,		

Order code	Package	Units/Box st.
131082.1611	1000 ml	6
131082.1612	2,5 l	4
131082.1214	5 l	4
131082.0716	25 l	
131082.0718	60 l	

1-Butanol (USP-NF) PRS-CODEX

$CH_3(CH_2)_3OH$

M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H302-H315-H318-H336

1l~0,810kg 1kg~1,235l
SPECIFICATIONS:
Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 25/25 0,807-0,809
Distillation range (117,7°C included) ..... 1,5°C
MAXIMUM LIMIT OF IMPURITIES
Non-volatile matter ..... 0,004 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Acetone (G.C.) ..... 0,02 %
Butanal (G.C.) ..... 0,03 %
di n-Butyl ether (G.C.) ..... 0,2 %
Acidity ..... 0,0008 meq/g
Alkalinity ..... 0,001 meq/g
Aldehydes ..... p/t.
Water (H_2O) ..... 0,1 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %
Complies USP 30 Specifications

Order code	Package	Units/Box st.
141082.1211	1000 ml	6
141082.1212	2,5 l	4
141082.1214	5 l	4
141082.0716	25 l	
141082.0718	60 l	

1-Butanol (F.C.C.) ADITIO

extraction solvent for industrial food use
$CH_3(CH_2)_3OH$
M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H302-H315-H318-H336
1l~0,810kg 1kg~1,235l
SPECIFICATIONS:

Assay (G.C.), not less than	99,5 %
IR	p/t.
Refractive index	1,397-1,402
Acidity value, not more than	2,0
Distillation range	1,5°C
di n-Butyl Ether, not more than	0,15 %
Specific gravity	0,807-0,809
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm

Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201082.1214	5 l	4
201082.0716	25 l	

1-Butanol, 99,5% PS

$CH_3(CH_2)_3OH$
M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H302-H315-H318-H336
1l~0,810kg 1kg~1,235l
SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,808-0,810
Non-volatile matter	0,002 %
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161082.1211	1000 ml	6
161082.1212	2,5 l	4
161082.1714	5 l	4
161082.0616	25 l	

iso-Butanol

(see Isobutanol)

2-Butanol (Reag. Ph. Eur.) PA

$C_4H_{10}O$
M: 74,12 CAS: 78-92-2 EINECS: 201-158-5 NC: 2905 14 90 UN: 1120
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H319-H335-H336
1l~0,807kg 1kg~1,239l
SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,805-0,809
Distillation range (>95% dist.)	99-100°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,002 %
2-Methyl-2-Propanol (G.C.)	0,1 %
2-Propanol (G.C.)	0,2 %
Butanone (G.C.)	0,1 %
di-n-Butyl Ether (G.C.)	0,2 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0005 meq/g
Alkalinity	0,0007 meq/g
Carbonyl compounds (as C_3H_7CHO)	0,015 %
Water (H_2O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
123851.1611	1000 ml	6
123851.1612	2,5 l	4

2-Butanol, 99% PS

$C_4H_{10}O$
M: 74,12 CAS: 78-92-2 EINECS: 201-158-5 NC: 2905 14 90 UN: 1120
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H319-H335-H336
1l~0,807kg 1kg~1,239l
SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,805-0,809
Non-volatile matter	0,002 %
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
163851.1611	1000 ml	6
163851.1612	2,5 l	4
163851.1714	5 l	4
163851.0616	25 l	

tert-Butanol

(see 2-Methyl-2-Propanol)

Butanone (Methylethylketone) (UV-IR-HPLC) PAI

$CH_3COCH_2CH_3$
M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336
1l~0,806kg 1kg~1,241l
SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Density at 20/4	0,804-0,806

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Acidity	0,0003 meq/g
Water (H_2O)	0,1 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	329 (Cut off)	330	340	350-450
A (AU)	1,000	0,699	0,097	0,009
T (%)	10	20	80	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	4,7
Eluotropic value ε°(Al_2O_3)	0,51
Sol. H_2O in solv.at 20°C	23,4
P' + 0,25 E	9,1

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361429.1611	1000 ml	6
361429.1612	2,5 l	4

Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS

$CH_3COCH_2CH_3$

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,806kg 1kg~1,241l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,804-0,808

MAXIMUM LIMIT OF IMPURITIES

APHA colour	15
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,0025 %
Acetone (G.C.)	0,05 %
2-Butanol (G.C.)	0,05 %
Mesityl oxide (G.C.)	0,05 %
2-Methyl-2-Propanol (G.C.)	0,1 %
2-Propanol (G.C.)	0,1 %
Acidity	0,0005 meq/g
Water (H_2O)	0,02 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Ga	0,02	S	0,2
Al	0,5	Ge	0,05	Sb	0,02
As	0,05	Hg	0,05	Si	0,2
Au	0,05	In	0,05	Sn	0,1
B	0,02	K	0,1	Sr	0,2
Ba	0,1	Li	0,05	Ti	0,02
Be	0,02	Mg	0,1	Tl	0,1
Bi	0,05	Mn	0,02	V	0,02
Ca	0,5	Mo	0,02	Zn	0,1
Cd	0,05	Na	0,5	Zr	0,02
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		
Fe	0,1	Pt	0,02		

Order code	Package	Units/Box st.
481429.1611	1000 ml	6

Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) PA-ACS

$CH_3COCH_2CH_3$

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,806kg 1kg~1,241l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/20	0,801-0,803
Boiling range	79,0-81,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	15
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,0025 %
Acetone (G.C.)	0,05 %
2-Butanol (G.C.)	0,05 %
Mesityl oxide (G.C.)	0,05 %
2-Methyl-2-Propanol (G.C.)	0,1 %
2-Propanol (G.C.)	0,1 %
Acidity	0,0005 meq/g
Water (H_2O)	0,20 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,1
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131429.1611	1000 ml	6
131429.1612	2,5 l	4
131429.1214	5 l	4
131429.0716	25 l	
131429.0719	200 l	

Butanone (Methylethylketone) PRS

$CH_3COCH_2CH_3$

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,806kg 1kg~1,241l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,804-0,808
Non-volatile matter	0,01 %
Acetone (G.C.)	0,1 %
2-Butanol (G.C.)	0,1 %
2-Methyl-2-propanol (G.C.)	0,2 %
Acidity	0,0015 meq/g
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00002 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141429.1211	1000 ml	6
141429.1212	2,5 l	4
141429.1214	5 l	4
141429.0716	25 l	
141429.0718	60 l	

Butanone (Methylethylketone) (F.C.C.) ADITIO

extraction solvent for industrial food use

$CH_3COCH_2CH_3$

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,806kg 1kg~1,241l

SPECIFICATIONS:

Assay (C_4H_8O), not less than	99,5 %
IR	p/t.
Refractive index	1,375-1,384
Acidity value, not more than	2,0
Distillation range	1,5°C
Specific gravity	0,801-0,803
Water, not more than	0,2 %
n-Hexane, not more than	50 ppm
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm

Specifications Dir. 88/344/CEE, 92/115/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201429.1214	5 l	4
201429.0716	25 l	

Butanone, 99,5% (Methylethylketone) PS

$CH_3COCH_2CH_3$

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,806kg 1kg~1,241l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,804-0,808
Non-volatile matter	0,002 %
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
161429.1211	1000 ml	6
161429.1212	2,5 l	4
161429.1714	5 l	4
161429.0616	25 l	

Butanoyl Chloride

(see Butyryl Chloride)

trans-Butenedioic Acid

(see Fumaric Acid)

cis-Butenedioic Anhydride

(see Maleic Anhydride)

2-Butenedioyl Dichloride

(see Fumaryl Chloride)

1-Butoxybutane

(see Di-n-Butyl Ether)

tert-Butoxycarbonyl

(see Boc derivatives)

(R) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

2-(tert-Butoxycarbonyloxyimino)-2-Phenylacetonitrile

(see Boc- ON)

2-Butoxyethanol

(see Ethylene Glycol mono-Butyl Ether)

2-(2-Butoxyethoxy) Ethanol

(see Diethylene Glycol mono-Butyl Ether)

[2-(2-Butoxyethoxy) Ethyl] Acetate

(see Diethylene Glycol mono-Butyl Ether Acetate)

n-Butyl Acetate (VLSI) EG

$CH_3COOC_4H_9$

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066-H336

1l~0,883kg 1kg~1,133l

SPECIFICATIONS:

Minimum assay	95 %
Density at 20/4	0,880-0,882

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,01 %
Water (H_2O)	0,05 %
0,5 µm particles	250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	10	Cr	10	Ni	10
Al	50	Cu	20	Pb	10
As	10	Fe	50	Sb	10
Au	10	Ga	10	Sn	10
B	10	K	20	Sr	10
Ba	10	Li	10	Ta	10
Bi	10	Mg	20	Ti	10
Ca	50	Mn	10	Tl	10
Cd	10	Mo	10	V	10
Co	10	Na	100	Zn	20

Order code	Package	Units/Box st.
871202.1212	2,5 l	4

n-Butyl Acetate (Reag. USP, Ph. Eur.) PA-ACS

$CH_3COOC_4H_9$

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066-H336

1l~0,883kg 1kg~1,133l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,880-0,882
Distillation range (>95% dist.)	123-126°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
1-Butanol (G.C.)	0,2 %
Isobutyl Acetate (G.C.)	0,2 %
n-Butyl Formate (G.C.)	0,05 %
n-Butyl Propionate (G.C.)	0,05 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0016 meq/g
Water (H_2O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131202.1611	1000 ml	6
131202.1612	2,5 l	4
131202.1214	5 l	4

n-Butyl Acetate PRS

$CH_3COOC_4H_9$

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066-H336

1l~0,883kg 1kg~1,133l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,880-0,885
Non-volatile matter	0,005 %
1-Butanol (G.C.)	1,0 %
Isobutyl Acetate (G.C.)	0,5 %
Acidity	0,0032 meq/g
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141202.1611	1000 ml	6
141202.1612	2,5 l	4
141202.1214	5 l	4

n-Butyl Acetate (F.C.C.) ADITIO

$CH_3COOC_4H_9$

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066-H336

1l~0,883kg 1kg~1,133l

SPECIFICATIONS:

IR	p/t.
Assay ($C_8H_{12}O_2$), not less than	98,0 %
Specific gravity	0,876-0,880
Acidity value, not more than	2,0
Refractive Index n ^{20}/D	1,393-1,396
Distillation range	120-128°C
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
201202.1214	5 l	4

n-Butyl Acetate, 99% PS

$CH_3COOC_4H_9$

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066-H336

1l~0,883kg 1kg~1,133l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,880-0,882
Non-volatile matter	0,001 %
Acidity (as CH_3COOH)	0,01 %
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
161202.1211	1000 ml	6
161202.1212	2,5 l	4
161202.1714	5 l	4
161202.0616	25 l	

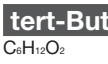
iso-Butyl Acetate

(see Isobutyl Acetate)

tert-Butyl Acetate, 98% PS

$C_8H_{12}O_2$

M: 116,16 CAS: 540-88-5 EINECS: 208-760-7 NC: 2915 39 80 UN: 1123
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066

1l~0,862kg 1kg~1,160l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A505.1608	100 ml	6

n-Butyl Alcohol

(see 1-Butanol)

iso-Butyl Alcohol

(see Isobutanol)

sec-Butyl Alcohol
(see 2-Butanol)

tert-Butyl Alcohol
(see 2-Methyl-2-Propanol)

tert-Butylamine, 98% PS
$(CH_3)_3CNH_2$
M: 73,14 CAS: 75-64-9 EINECS: 200-888-1 NC: 2921 19 80 UN: 2734
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger

H225-H332-H314-H301
1l~0,695kg 1kg~1,439l
SPECIFICATIONS:
Assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C358.1608	100 ml	6
15C358.1611	1000 ml	6

n-Butyl Bromide
(see 1-Bromobutane)

tert-Butyl Bromide
(see 2-Bromo-2-Methylpropane)

4-tert-Butylcatechol
(see 4-tert-Butylpyrocatechol)

Butyl Cellosolve
(see Ethylene Glycol mono-Butyl Ether)

Butyl Chloride
(see 1-Chlorobutane)

Butyldiglycol
(see Diethylene Glycol mono-Butyl Ether)

tert-Butyldimethylchlorosilane, 98% PS
$C_6H_{15}ClSi$
M: 150,73 CAS: 18162-48-6 EINECS: 242-042-4 NC: 2931 00 95 UN: 2925
IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417
Signal Word: Danger

H228-H314
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A169.1604	5 g	6
15A169.1606	25 g	6
15A169.1608	100 g	6

1,3-Butyleneglycol
(see 1,3-Butanediol)

1,4-Butyleneglycol
(see 1,4-Butanediol)

Butyl Ether
(see Di-n-Butyl Ether)

Butylglycol
(see Ethylene Glycol mono-Butyl Ether)

tert-BUTYL HYDROPEROXIDE SOLUTIONS

tert-Butyl Hydroperoxide aqueous solution ~70% PS
$C_4H_{10}O_2$
M: 90,12 CAS: 75-91-2 EINECS: 200-915-7 NC: 2909 60 00 UN: 3109
IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 500 CAO: 502
Signal Word: Danger

H242-H312-H302-H331-H314
1l~0,943kg 1kg~1,060l
SPECIFICATIONS:
Minimum assay (Iodom.) ..... 68 %
Density at 20/4 0,940-0,946

Order code	Package	Units/Box st.
15A873.1209	250 ml	6
15A873.1214	5 l	4

tert-Butyl Hydroperoxide solution 3M in isooctane PS
$C_4H_{10}O_2$
M: 90,12 CAS: 75-91-2 EINECS: 200-915-7 NC: 2909 60 00 UN: 3105
IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 500 CAO: 502
Signal Word: Danger

H272-H225-H314-H332-H312-H302-EUH044-H412
1l~0,74kg 1kg~1,35l
SPECIFICATIONS:
Assay (Iodom.) w/v ..... 28-32 %

Order code	Package	Units/Box st.
15A872.1609	250 ml	6

Butylhydroxyanisole
(see 2-tert-Butyl-4-Methoxyphenol)

Butylhydroxytoluene
(see 2,6-Di-tert-Butyl-4-Methylphenol)

Butyl Iodide
(see 1-Iodobutane)

sec-Butyl Iodide
(see 2-Iodobutane)

2-tert-Butyl-4-Methoxyphenol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX
$C_{11}H_{16}O_2$
M: 180,25 CAS: 121-00-6 EINECS: 204-442-7 NC: 2909 50 90
SPECIFICATIONS:
Minimum assay (as $C_{11}H_{16}O_2$) ..... 98,5 %
Identity according to Pharmacopoeias ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in C_2H_6O ..... p/t.
Residue on ignition (as SO_4) ..... 0,01 %
3-tert-Butyl-4-Methoxyphenol ..... 10 %
Hydroquinone ..... p/t.
Organic volatile impurities ..... p/t.
Related substances ..... p/t.
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0003 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
144233.1211	1000 g	6
144233.0914	5 kg	

2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO
$C_{11}H_{16}O_2$
M: 180,25 CAS: 121-00-6 EINECS: 204-442-7 NC: 2909 50 90
SPECIFICATIONS:
Assay (as $C_{11}H_{16}O_2$), not less than ..... 98,5 %
Assay (as the isomer 2-tert-Butyl-4-Methoxyphenol), not less than 85 %
Melting range ..... 48-63°C
Arsenic (as As), not more than ..... 3 ppm
Lead, not more than ..... 5 ppm
4-Hydroxyanisole, not more than ..... 0,5 %
Residue on ignition, not more than ..... 0,05 %
A 1%; 1 cm; λ228 nm (ethanol) 326-345
A 1%; 1 cm; λ290 nm (ethanol) 190-210
Mercury (Hg), not more than ..... 1 ppm
Phenolic impurities, not more than ..... 0,5 %
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
204233.1214	5 kg	4

tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI

$C_5H_{12}O$

M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315

1l~0,740kg 1kg~1,351l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,739-0,742

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,03 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	235	240	255	280-400
A (AU)	1,000	0,699	0,301	0,222	0,071	0,009
T (%)	10	20	50	60	85	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	2

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363312.1611	1000 ml	6
363312.1612	2,5 l	4

tert-Butyl Methyl Ether (PAR) PAI

$C_5H_{12}O$

M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315

1l~0,740kg 1kg~1,351l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,7 %
Identity ..... IR p/t.
Density at 20/4 0,739-0,742

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,03 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l

Order code	Package	Units/Box st.
323312.1611	1000 ml	6
323312.1612	2,5 l	4

tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) PA-ACS

$C_5H_{12}O$

M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315

1l~0,740kg 1kg~1,351l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,739-0,742
Refractive index n 20/D 1,368-1,370

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Methanol (G.C.) ..... 0,01 %
2-Methyl-2-Propanol (G.C.) ..... 0,05 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Aldehydes (as HCHO) ..... 0,001 %
Peroxides (as H_2O_2) ..... 0,0001 %*
Water (H_2O) ..... 0,03 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	240	255	280
A (AU)	0,301	0,097	0,009
T (%)	50	80	98

Order code	Package	Units/Box st.
133312.1611	1000 ml	6
133312.1612	2,5 l	4

tert-Butyl Methyl Ether PRS

$C_5H_{12}O$

M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315

1l~0,740kg 1kg~1,351l

SPECIFICATIONS:

Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,737-0,742
Non-volatile matter ..... 0,005 %
Acidity ..... 0,002 meq/g
Water (H_2O) ..... 0,3 %
Cu ..... 0,00002 %
Fe ..... 0,00002 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
143312.1611	1000 ml	6
143312.1612	2,5 l	4
143312.0616	25 l	

tert-Butyl Methyl Ether, 99,5% PS

$C_5H_{12}O$

M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315

1l~0,740kg 1kg~1,351l

SPECIFICATIONS:

Minimum assay (G.C) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,739-0,742
Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
163312.1611	1000 ml	6
163312.1612	2,5 l	4

iso-Butylmethylketone

(see 4-Methyl-2-Pentanone)

n-Butyl Nitrite stabilized with ~0,5% of sodium carbonate anhydrous PS

$C_4H_9NO_2$

M: 103,12 CAS: 544-16-1 EINECS: 208-862-1 NC: 2920 90 85 UN: 2351
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H301

1l~0,88kg 1kg~1,13l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.
Density at 20/4 0,882-0,885

Order code	Package	Units/Box st.
15A894.1606	25 ml	6
15A894.1608	100 ml	6

iso-Butyl Nitrite

(see Isobutyl Nitrite)

4-tert-Butylpyrocatechol, 99% PS

$C_{10}H_{14}O_2$

M: 166,22 CAS: 98-29-3 EINECS: 202-653-9 NC: 2907 29 00 UN: 2923
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H312-H314

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 52-55 °C

Order code	Package	Units/Box st.
15A652.1608	100 g	6
15A652.1610	500 g	6

n-Butyraldehyde, 99% PS

$CH_3CH_2CH_2CHO$

M: 72,11 CAS: 123-72-8 EINECS: 204-646-6 NC: 2912 19 10 UN: 1129
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,803kg 1kg~1,245l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,802-0,804

Order code	Package	Units/Box st.
15A835.1611	1000 ml	6

n-Butyric Acid, 99% PS

$C_4H_8O_2$

M: 88,11 CAS: 107-92-6 EINECS: 203-532-3 NC: 2915 60 19 UN: 2820
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H314

1l~0,957kg 1kg~1,045l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,956-0,958
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15A689.1611	1000 ml	6
15A689.1612	2,5 l	4
15A689.0716	25 l	

Butyric Acid Chloride

(see Butyryl Chloride)

γ-Butyrolactone, 99% PS

$C_4H_6O_2$

M: 86,09 CAS: 96-48-0 EINECS: 202-509-5 NC: 2932 29 60
Signal Word: Warning



H302-H319

1l~1,129kg 1kg~0,886l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,128-1,129

Order code	Package	Units/Box st.
15A581.1214	5 l	4
15A581.0716	25 l	

Butyryl Chloride, 98% PS

C_4H_7ClO

M: 106,55 CAS: 141-75-3 EINECS: 205-498-5 NC: 2915 90 80 UN: 2353
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H314

1l~0,980kg 1kg~1,020l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,017-1,020

Order code	Package	Units/Box st.
15A742.1609	250 ml	6
15A742.1611	1000 ml	6

Cacodylic Acid Sodium Salt 3-hydrate, 98% PS

$C_2H_6AsNaO_2.3H_2O$

M: 214,03 CAS: 124-65-2 EINECS: 204-708-2 NC: 2931 00 95 UN: 1688
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
165301.1206	25 g	6
165301.1208	100 g	6

Cadmium metal, sheets PRS

Cd

M: 112,40 CAS: 7440-43-9 EINECS: 231-152-8 NC: 8107 90 00
Signal Word: Danger



H350-H330-H372-H361fd-H341-H410

SPECIFICATIONS:

Assay (Compl.) ..... 99 %
Insoluble matter in HNO_3 ..... 0,05 %
Cu ..... 0,01 %
Fe ..... 0,005 %
Ni ..... 0,05 %
Pb ..... 0,05 %
Sn ..... 0,05 %
Zn ..... 0,005 %

Order code	Package	Units/Box st.
141206.1209	250 g	6

Cadmium metal, thick powder (Reag. Ph. Eur.) PA

Cd

M: 112,40 CAS: 7440-43-9 EINECS: 231-152-8 NC: 8107 90 00
Signal Word: Danger



H350-H330-H372-H361fd-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99,0 %
Cu ..... 0,001 %
Fe ..... 0,01 %
Pb ..... 0,01 %
Zn ..... 0,01 %

Order code	Package	Units/Box st.
125427.1209	250 g	6

CADMIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Cadmium Acetate 2-hydrate (Reag. USP) PA

$Cd(CH_3COO)_2.2H_2O$

M: 266,52 CAS: 5743-04-4 EINECS: 208-853-2 NC: 2915 29 00 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332-H312-H302-H410

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Non-precipitated substances by H_2S (as SO_4)	0,1 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,0005 %
K	0,002 %
Na	0,002 %
Pb	0,003 %
Zn	0,002 %

Order code	Package	Units/Box st.
121203.1209	250 g	6
121203.1211	1000 g	6
121203.1214	5 kg	4

Cadmium Acetate 2-hydrate PRS

$Cd(CH_3COO)_2.2H_2O$

M: 266,52 CAS: 5743-04-4 EINECS: 208-853-2 NC: 2915 29 00 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332-H312-H302-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Cu	0,005 %
Fe	0,002 %
Pb	0,005 %
Zn	0,01 %

Order code	Package	Units/Box st.
141203.1209	250 g	6
141203.1211	1000 g	6
141203.1214	5 kg	4

Cadmium Bromide 4-hydrate PRS

$CdBr_2.4H_2O$

M: 344,20 CAS: 13464-92-1 EINECS: 232-165-1 NC: 2827 59 00 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332-H312-H302-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,01 %
Sulphate (SO_4)	0,01 %
As	0,0001 %
Cu	0,002 %
Fe	0,002 %
Pb	0,01 %
Zn	0,01 %

Order code	Package	Units/Box st.
142004.1209	250 g	6

Cadmium Chloride 2,5-hydrate PA-ACS

$CdCl_2.2,5H_2O$

M: 228,34 CAS: 10108-64-2 EINECS: 233-296-7 NC: 2827 39 85 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360FD-H301-H330-H372-H410

SPECIFICATIONS:

Assay (as $CdCl_2$) (Compl.)	79,5-81,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrate and nitrite (as NO_3)	0,003 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,005 %
As	0,0001 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,002 %
Na	0,002 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131205.1209	250 g	6
131205.1211	1000 g	6
131205.1214	5 kg	4
131205.0416	25 kg	

Cadmium Chloride 2,5-hydrate PRS

$CdCl_2.2,5H_2O$

M: 228,34 CAS: 10108-64-2 EINECS: 233-296-7 NC: 2827 39 85 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360FD-H301-H330-H372-H410

SPECIFICATIONS:

Assay (Compl.)	98-102 %
Insoluble matter in H_2O	0,01 %
Nitrate and nitrite (as NO_3)	0,02 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,02 %
As	0,0001 %
Cu	0,002 %
Fe	0,002 %
Pb	0,01 %
Zn	0,05 %

Order code	Package	Units/Box st.
141205.1209	250 g	6
141205.1211	1000 g	6
141205.1214	5 kg	4

Cadmium Iodide PA

CdI_2

M: 366,212 CAS: 7790-80-9 EINECS: 232-223-6 NC: 2827 60 00 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H331-H301-H373-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %
pH of 5% solution	≥5,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Insoluble matter in NH_4OH	p/t.
Chloride and bromide (as Cl)	0,01 %
Sulphate (SO_4)	0,005 %
Iodate (IO_3)	0,0006 %
Ca	0,005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,001 %
K	0,002 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,002 %
Ni	0,0005 %
Pb	0,002 %
Zn	0,005 %

Order code	Package	Units/Box st.
121209.1209	250 g	6
121209.1211	1000 g	6
121209.1214	5 kg	4

Cadmium Iodide PRS

CdI_2

M: 366,212 CAS: 7790-80-9 EINECS: 232-223-6 NC: 2827 60 00 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H331-H301-H373-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98-103 %
pH of 5% solution	≥5,0
Insoluble matter in H_2O	0,02 %
Chloride and bromide (as Cl)	0,05 %
Sulphate (SO_4)	0,02 %
Ca	0,01 %
Fe	0,003 %
Zn	0,01 %

Order code	Package	Units/Box st.
141209.1209	250 g	6
141209.1211	1000 g	6

Cadmium Nitrate 4-hydrate PA

$Cd(NO_3)_2.4H_2O$

M: 308,49 CAS: 10022-68-1 EINECS: 233-710-6 NC: 2834 29 20 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H332-H312-H302-H410

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,01 %
Ca	0,005 %
Cu	0,001 %
Fe	0,001 %
K	0,002 %
Na	0,01 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
121207.1209	250 g P	6
121207.1211	1000 g P	6

Cadmium Nitrate 4-hydrate PRS

$Cd(NO_3)_2.4H_2O$

M: 308,49 CAS: 10022-68-1 EINECS: 233-710-6 NC: 2834 29 20 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H332-H312-H302-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,005 %
Ammonium (NH_4)	0,03 %
Sulphate (SO_4)	0,01 %
Cu	0,003 %
Fe	0,003 %
Pb	0,01 %
Zn	0,01 %

Order code	Package	Units/Box st.
141207.1209	250 g P	6
141207.1211	1000 g P	6

Cadmium Oxide PRS

CdO

M: 128,40 CAS: 1306-19-0 EINECS: 215-146-2 NC: 2825 90 60 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H330-H372-H361fd-H341-H410

SPECIFICATIONS:

Assay (Compl.)	99 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
142904.1209	250 g P	6
142904.1211	1000 g P	6
142904.0914	5 kg PP	
142904.0716	25 kg P	

Cadmium Sulphate 8/3-hydrate PA-ACS

$CdSO_4.8/3H_2O$

M: 256,52 CAS: 7790-84-3 EINECS: 233-331-6 NC: 2833 29 20 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360F-H301-H330-H372-H410

SPECIFICATIONS:

Assay (Compl.)	99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,001 %
Nitrate and nitrite (as NO_3)	0,003 %
As	0,0002 %
Ca	0,005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,002 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,002 %
Zn	0,005 %

Order code	Package	Units/Box st.
131208.1209	250 g P	6
131208.1211	1000 g P	6
131208.1214	5 kg P	4
131208.0416	25 kg PP	

Cadmium Sulphate 8/3-hydrate PRS

$CdSO_4.8/3H_2O$

M: 256,52 CAS: 7790-84-3 EINECS: 233-331-6 NC: 2833 29 20 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360F-H301-H330-H372-H410

SPECIFICATIONS:

Assay (Compl.)	98-103 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,005 %
Nitrate and nitrite (as NO_3)	0,02 %
As	0,0005 %
Ca	0,01 %
Cu	0,005 %
Fe	0,002 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
141208.1209	250 g P	6
141208.1211	1000 g P	6
141208.1214	5 kg P	4

Caffeic Acid, 99% PS

$C_9H_8O_4$

M: 180,16 CAS: 331-39-5 EINECS: 206-361-2 NC: 2918 29 80
Signal Word: Warning



H351

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C145.1604	5 g	6
15C145.1606	25 g	6

C

Caffeine anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_8H_{10}N_4O_2$

M: 194,19 CAS: 58-08-2 EINECS: 200-362-1 NC: 2939 30 00 UN: 1544
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s	98,5-101,0%
Identity according to Pharmacopoeias	p/t.
Melting range (a.d.s.)	234-239°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying	0,5 %
Residue on ignition (as SO_4)	0,1 %
Related substances (HPLC):	
Individual impurity	0,10 %
Total impurities	0,1 %
Residual solvents (Ph.Eur./USP)	p/t.
Chromatographic purity	p/t.
Acidity	p/t.
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,001 %
As	0,0003 %
Cu	0,001 %
Fe	0,002 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142833.1609	250 g	6
142833.0914	5 kg	
142833.0416	25 kg	

Calcein PA

for complexometry
$C_{30}H_{26}N_2O_{13}$

M: 622,54 CAS: 1461-15-0 EINECS: 215-957-1 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS. in NaOH 0,002 mol/l	492-500 nm
A 1%, 1cm, λmax	>650
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH	p/t.
Loss on drying at 135°C	15 %
Suitability as complexometric indicator	p/t.

Order code	Package	Units/Box st.
122053.1603	1 g	6
122053.1604	5 g	6

Calcium, 98% metal, granules PS

Ca

M: 40,08 CAS: 7440-70-2 EINECS: 231-179-5 NC: 2805 12 00 UN: 1401
IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417
Signal Word: Danger



H261

SPECIFICATIONS:

Minimum assay (Compl.)	98 %

Order code	Package	Units/Box st.
15A743.1604	5 g	6
15A743.1608	100 g	6

CALCIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Calcium Acetate x-hydrate PA

$Ca(CH_3COO)_2.xH_2O$

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Compl.) calc. applied anh. subs	99,0 %
pH of 5% solution	6,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,05 %
Nitrate (NO_3)	0,002 %
As	0,0003 %
Ba	0,005 %
Cu	0,001 %
Fe	0,002 %
K	0,05 %
Mg	0,05 %
Na	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121211.1210	500 g	6
121211.1211	1000 g	6
121211.0914	5 kg	
121211.0416	25 kg	

Calcium Acetate x-hydrate (USP) PRS-CODEX

$Ca(CH_3COO)_2.xH_2O$

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s.	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	6,3-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,1 %
Easily oxidable substances	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,05 %
Fluoride (F)	0,005 %
Phosphate (PO_4)	0,005 %
Nitrate (NO_3)	p/t.
Sulphate (SO_4)	0,06 %
Water (H_2O)	7,0 %
Heavy metals (as Pb)	0,002 %
Al	0,001 %
As	0,0002 %
Ba	0,005 %
Cu	0,001 %
Fe	0,005 %
Mg	0,05 %
Ni	0,001 %
Pb	0,001 %
Sr	0,05 %

Order code	Package	Units/Box st.
141211.1210	500 g	6
141211.1211	1000 g	6
141211.0914	5 kg	
141211.0416	25 kg	

Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO

$Ca(CH_3COO)_2.xH_2O$

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Assay [as $Ca(C_2H_3O_2)_2$] after drying	99,0-100,5%
Loss on drying, not more than	10,5 %
pH of 10% solution	7,0-9,0
Formic acid, formates and other oxidizable impurities (as formic acid), not more than	0,1 %
Arsenic (as As), not more than	3 ppm
Chloride, not more than	0,05 %
Fluoride, not more than	0,005 %
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	10 ppm
Sulphate, not more than	0,1 %
Water, not more than	7,0 %
Insoluble in water, not more than	0,3 %
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201211.0914	5 kg	

Calcium Acetate x-hydrate QP

$Ca(CH_3COO)_2.xH_2O$

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.) calc. applied anh. subs	99,0 %
pH of 5% solution	7,0-8,0
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,2 %

Order code	Package	Units/Box st.
211211.0914	5 kg	
211211.0416	25 kg	

Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PA

$Ca(H_2PO_4)_2.H_2O$

M: 252,07 CAS: 7758-23-8 EINECS: 231-837-1 NC: 2835 26 10

SPECIFICATIONS:

Minimum assay (Compl.)	99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,01 %
Nitrogen compounds (as N)	0,02 %
Chloride (Cl)	0,005 %
As	0,0002 %
Ba	0,01 %
Cu	0,002 %
Fe	0,005 %
Mg	0,2 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
121225.1210	500 g	6
121225.1211	1000 g	6

Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PRS

$Ca(H_2PO_4)_2.H_2O$

M: 252,07 CAS: 7758-23-8 EINECS: 231-837-1 NC: 2835 26 10

SPECIFICATIONS:

Assay (Compl.)	98 %
Heavy metals (as Pb)	0,003 %
As	0,0002 %
Cu	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141225.1210	500 g P	6
141225.1211	1000 g P	6
141225.1214	5 kg P	4
141225.0416	25 kg PP	

Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO

$Ca(H_2PO_4)_2.H_2O$

M: 252,07 CAS: 7758-23-8 EINECS: 231-837-1 NC: 2835 26 10

SPECIFICATIONS:

Assay (as Ca)	15,9-17,7 %
Assay	not less than 95 % on anhydrous substance
P_2O_5 content	55,5-61,1 % on anhydrous substance
CaO content	22,26-24,8 %
Arsenic (as As), not more than	3 ppm
Loss on drying, not more than	1 %
Loss on ignition, not more than	25,0 %
Fluoride, not more than	0,003 %
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2002/82/CE, F.C.C. 6

Order code	Package	Units/Box st.
201225.1214	5 kg P	4
201225.0416	25 kg PP	

Calcium Carbonate precipitated, low content of alkalis PA-ACS-ISO

$CaCO_3$

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Minimum assay (Compl.) a.d.s	99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,005 %
Chloride (Cl)	0,001 %
Fluoride (F)	0,0015 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,003 %
Heavy metals (as Pb)	0,001 %
Ba	0,01 %
Cu	0,0005 %
Fe	0,001 %
K	0,005 %
Mg	0,01 %
Mn	0,0005 %
Na	0,01 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,05 %

Order code	Package	Units/Box st.
132397.1209	250 g P	6

Calcium Carbonate precipitated, low content of alkalis PA

$CaCO_3$

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,005 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,03 %
Ba	0,01 %
Cu	0,0005 %
Fe	0,002 %
K	0,02 %
Mg	0,03 %
Mn	0,0005 %
Na	0,05 %
Ni	0,0005 %
Pb	0,001 %
Sr	0,05 %

Order code	Package	Units/Box st.
122397.1210	500 g P	6
122397.1211	1000 g P	6

Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO

$CaCO_3$

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Assay (as $CaCO_3$) after drying	98,0-100,5%
Acid insoluble substances, not more than	0,2 %
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,005 %
Lead, not more than	3 ppm
Loss on drying, not more than	2,0 %
Magnesium and alkali salts, not more than	1 %
Cadmium, not more than	1 ppm
Antimony, Copper, Chromium, Zinc and Barium each one or together, not more than	0,01%
Iron, not more than	0,001 %
Aluminium, not more than	0,002 %

Specifications Dir. 2001/30/CE, F.C.C. 6

Order code	Package	Units/Box st.
204395.1211	1 kg P	6
204395.0416	25 kg PP	

Calcium Carbonate precipitated PA

$CaCO_3$

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,005 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,02 %
Ammonium (NH_4)	0,01 %
Ba	0,01 %
Cu	0,0005 %
Fe	0,002 %
K	0,02 %
Mg	0,05 %
Mn	0,0005 %
Na	0,25 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,05 %

Order code	Package	Units/Box st.
121212.1210	500 g P	6
121212.1211	1000 g P	6
121212.0914	5 kg PP	
121212.0416	25 kg PP	

Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$CaCO_3$

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Assay (Compl.)calc. a.d.s	98,5-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in acid	0,2 %
Loss on drying at 200°C	2,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,033 %
Fluoride (F)	0,005 %
Sulphate (SO_4)	0,25 %
Magnesium and alkali salts	1,0 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Ba	p/t.
Fe	0,02 %
Hg	0,00005 %
Pb	0,0003 %

Order code	Package	Units/Box st.
141212.1210	500 g P	6
141212.1211	1000 g P	6
141212.0914	5 kg PP	
141212.0416	25 kg PP	

Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO

$CaCO_3$

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Assay (as $CaCO_3$) after drying 98,0-100,5%
Appearance ..... p/t
Identity:
Carbonate ..... p/t.
Calcium ..... p/t.
Acid insoluble substances, not more than ..... 0,2 %
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 0,005 %
Lead, not more than ..... 3 ppm
Loss on drying, not more than ..... 2,0 %
Magnesium and alkali salts, not more than ..... 1,0 %
Cadmium, not more than ..... 1 ppm
Antimony, Copper, Chromium, Zinc and Barium each one or together, not more than ..... 0,01 %
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (CE) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201212.0914	5 kg PP	
201212.0416	25 kg PP	

Calcium Carbonate precipitated QP

$CaCO_3$

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,1 %
Fe ..... 0,05 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
211212.0914	5 kg PP	
211212.0416	25 kg PP	

Calcium Chloride anhydrous QP

$CaCl_2$

M: 110,99 CAS: 10043-52-4 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (as $CaCl_2$)(Compl.) calc. a.a.s. ..... 95 %

Order code	Package	Units/Box st.
211221.1210	500 g P	6
211221.1211	1000 g P	6
211221.1214	5 kg PP	
211221.0416	25 kg PP	

Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO

$CaCl_2.2H_2O$

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (as $CaCl_2.2H_2O$) 99,0-107,0%
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 0,004 %
Lead, not more than ..... 5 ppm
Magnesium and alkali salts, not more than ..... 4,0 %
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
204954.0914	5 kg PP	
204954.0416	25 kg PP	

Calcium Chloride 2-hydrate powder PA-ACS

$CaCl_2.2H_2O$

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (Compl.) 99,0-105,0%
pH of 5% solution 4,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Oxidizing substances (as NO_3) ..... 0,003 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,01 %
Ammonium (NH_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al 10	Fe 10	Ni 5
Ba 50	K 100	Pb 5
Bi 5	Li 5	Sr 100
Cd 5	Mg 50	Tl 5
Co 5	Mn 5	Zn 10
Cr 5	Mo	
Cu 5	Na 200	

Order code	Package	Units/Box st.
131232.1210	500 g P	6
131232.1211	1000 g P	6
131232.1214	5 kg P	4
131232.0416	25 kg PP	

Calcium Chloride 2-hydrate powder PRS

$CaCl_2.2H_2O$

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (Compl.) ..... 99-105 %
Insoluble matter in H_2O ..... 0,05 %
Acidity (as HCl) ..... 0,005 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,05 %
Ammonium (NH_4) ..... 0,01 %
As ..... 0,0001 %
Cu ..... 0,002 %
Fe ..... 0,005 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141232.1210	500 g P	6
141232.1211	1000 g P	6
141232.1214	5 kg P	4
141232.0416	25 kg	

Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX

$CaCl_2.2H_2O$

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (as $CaCl_2.2H_2O$) (Compl.) 99,0-103,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 4,5-9,2

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Acidity or alkalinity ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t.
Sulphate (SO_4) ..... 0,03 %
Iron, Aluminium and Phosphate ..... p/t.
Magnesium and alkali salts ..... 0,5 %
Heavy metals (as Pb) ..... 0,001 %
Al ..... 0,0001 %
Ba ..... p/t.
Fe ..... 0,001 %

Order code	Package	Units/Box st.
191232.1211	1000 g P	6
191232.1214	5 kg P	4
191232.0416	25 kg PP	

Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO

$CaCl_2.2H_2O$

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as $CaCl_2.2H_2O$) 99,0-107,0%
Appearance. ..... p/t
Identity:
Chloride ..... p/t.
Calcium ..... p/t.
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 0,004 %
Lead, not more than ..... 5 ppm
Magnesium and alkali salts, not more than ..... 4,0 %
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (CE) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201232.1214	5 kg	4
201232.0416	25 kg	

Calcium Chloride 6-hydrate PA

"Seasonal product. Request for availability."

$CaCl_2.6H_2O$

M: 219,09 CAS: 7774-34-7 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Compl.) ..... 98,0 %
pH of 5% solution 4,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insol. matter in H_2O and precip. by NH_4OH ..... 0,01 %
Oxidizing substances (as NO_3) ..... 0,003 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,01 %
Ammonium (NH_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Ba ..... 0,005 %
Cu ..... 0,0005 %
Fe ..... 0,0025 %
Mg ..... 0,005 %
Mn ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Sr ..... 0,01 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
121214.1211	1000 g	6
121214.1214	5 kg	4
121214.0416	25 kg	

Calcium Chloride 6-hydrate PRS

"Seasonal product. Request for availability."

$CaCl_2.6H_2O$

M: 219,09 CAS: 7774-34-7 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Insoluble matter in H_2O and precipit. by NH_4OH ..... 0,025 %
Acidity (as HCl) ..... 0,025 %
Alkalinity [as $Ca(OH)_2$] ..... 0,03 %
Phosphate (PO_4) ..... 0,003 %
Sulphate (SO_4) ..... 0,05 %
Ammonium (NH_4) ..... 0,01 %
As ..... 0,0001 %
Cu ..... 0,002 %
Fe ..... 0,005 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141214.1211	1000 g	6
141214.1214	5 kg	4
141214.0416	25 kg	

Calcium Chloride 6-hydrate (E-509) ADITIO

"Seasonal product. Request for availability."

$CaCl_2.6H_2O$

M: 219,09 CAS: 7774-34-7 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as $CaCl_2.6H_2O$) 98,0-102,0%
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 0,004 %
Lead, not more than ..... 10 ppm
Magnesium and alkali salts, not more than ..... 1,0 %
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/EC

Order code	Package	Units/Box st.
201214.1214	5 kg	4
201214.0416	25 kg	

Calcium Chloride solution 45% w/w (as $CaCl_2.2H_2O$) (F.C.C.) ADITIO

$CaCl_2.2H_2O$

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

1l~1,32kg 1kg~0,75l

SPECIFICATIONS:

Assay (as $CaCl_2.2H_2O$) ..... 45 %
Assay (as $CaCl_2$) ..... 34 %
Fluoride (on dry basis), not more than ..... 0,004 %
Lead (on dry basis), not more than ..... 4 ppm
Magnesium and alkali salts (on dry basis) not more than ..... 5,0 %
Alkalinity [as $Ca(OH)_2$] (on dry basis), not more than ..... 0,3 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202824.0716	25 l	

Calcium Citrate

(see tri-Calcium di-Citrate 4-hydrate)

tri-Calcium di-Citrate 4-hydrate PA

$Ca_3(C_6H_5O_7)_2.4H_2O$

M: 570,51 CAS: 5785-44-4 EINECS: 212-391-7 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Compl.) ..... 98-102 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,05 %
Loss on drying at 150°C ..... 10,0-13,3 %
Chloride (Cl) ..... 0,003 %
Sulphate (SO_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0003 %
Cu ..... 0,001 %
Fe ..... 0,005 %
Mg ..... 0,05 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121213.1210	500 g	6
121213.1211	1000 g	6
121213.0914	5 kg	

tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO

$Ca_3(C_6H_5O_7)_2.4H_2O$

M: 570,51 CAS: 5785-44-4 EINECS: 212-391-7 NC: 2918 15 00

SPECIFICATIONS:

Assay (as $C_{12}H_{10}Ca_3O_{14}$) after drying 97,5-100,5%
Appearance ..... p/t
Identity:
Citrate ..... p/t.
Calcium ..... p/t.
Fluoride, not more than ..... 0,003 %
Oxalate (as oxalic acid) a.a.s, not more than ..... 0,01 %
Carbonate ..... p/t.
Loss on drying ..... 10,0-14,0 %
Lead, not more than ..... 1 ppm
Heavy metals (as Pb), not more than ..... 5 ppm
Arsenic (as As), not more than ..... 1 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (CE) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201213.0914	5 kg	
201213.0416	25 kg	

Calcium Formate PRS

$Ca(HCOO)_2$

M: 130,12 CAS: 544-17-2 EINECS: 208-863-7 NC: 2915 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,05 %
Acidity (as HCOOH)	0,1 %
Chloride (Cl)	0,01 %
Phosphate (PO_4)	0,01 %
Oxalate (C_2O_4)	p/t.
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141224.1211	1000 g P	6

Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO

$C_{12}H_{22}CaO_{14}.H_2O$

M: 448,4 CAS: 18016-24-5 EINECS: 206-075-8 NC: 2918 16 00

SPECIFICATIONS:

Assay ($C_{12}H_{22}CaO_{14}.H_2O$)	98,0-102,0%
pH of 5% solution	6,0-8,0
Loss on drying, not more than	2,0 %
Sucrose and reducing sugars (as dextrose), not more than	1,0 %
Lead, not more than	2 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
203290.1211	1 kg P	6
203290.1214	5 kg PP	
203290.0416	25 kg PP	

Calcium Hydrogen Phosphate anhydrous PA

$CaHPO_4$

M: 136,06 CAS: 7757-93-9 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,025 %
Nitrogen compounds (as N)	0,02 %
Chloride (Cl)	0,005 %
As	0,0002 %
Ba	0,01 %
Cu	0,001 %
Fe	0,005 %
Mg	0,2 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121227.1210	500 g P	6

Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$CaHPO_4$

M: 136,06 CAS: 7757-93-9 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (as $CaHPO_4$)(Compl.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,2 %
Residual solvents (Ph.Eur./USP)	p/t.
Loss on ignition	6,6-8,5 %
Loss on drying at 150°C	2,0 %
Carbonate	p/t.
mono and tri-Calcium phosphate	p/t.
Chloride (Cl)	0,033 %
Fluoride (F)	0,005 %
Sulphate (SO_4)	0,5 %
Total aerobic microbial count (TAMC)	1.000 cfu/g
Total moulds count (TMC)	100 cfu/g
Total yeast count (TYC)	100 cfu/g
Escherichia coli	absence/g
Staphylococcus aureus	absence/g
Pseudomonas aeruginosa	absence/g
Salmonella	absence/10g
Heavy metals (as Pb)	0,003 %
As	0,0003 %
Ba	p/t.
Fe	0,04 %

Order code	Package	Units/Box st.
141227.1211	1000 g P	6
141227.0914	5 kg PP	

Calcium Hydrogen Phosphate anhydrous (E-341ii, F.C.C.) ADITIO

$CaHPO_4$

M: 136,06 CAS: 7757-93-9 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (as $CaHPO_4$) a.d.s	98-102 %
Appearance	p/t
Identity:	
Phosphate	p/t.
Calcium	p/t.
Arsenic (as As), not more than	3 ppm
Loss on ignition	7,0-8,5 %
P_2O_5 content	50,0-52,5 %
Fluoride, not more than	0,005 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (CE) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201227.0914	5 kg PP	
201227.0416	25 kg PP	

Calcium Hydrogen Phosphate 2-hydrate PA

$CaHPO_4.2H_2O$

M: 172,09 CAS: 7789-77-7 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,025 %
Nitrogen compounds (as N)	0,02 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
As	0,0002 %
Ba	0,01 %
Cu	0,001 %
Fe	0,005 %
Mg	0,2 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121226.1210	500 g P	6

Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$CaHPO_4.2H_2O$

M: 172,09 CAS: 7789-77-7 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (Compl.)	98,0-105,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,2 %
Loss on ignition	24,5-26,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Carbonate	p/t.
Chloride (Cl)	0,01 %
Fluoride (F)	0,005 %
mono and tri-Calcium Phosphate	p/t.
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,003 %
As	0,0003 %
Ba	p/t.
Cu	0,002 %
Fe	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141226.1211	1000 g P	6
141226.0914	5 kg PP	
141226.0416	25 kg PP	

Calcium Hydrogen Phosphate 2-hydrate (E-341ii, F.C.C.) ADITIO

$CaHPO_4.2H_2O$

M: 172,09 CAS: 7789-77-7 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (as $CaHPO_4$) a.d.s	98-102 %
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,005 %
Loss on ignition	24,5-26,5 %
P_2O_5 content	50,0-52,5 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2002/82/EC, F.C.C. 6

Order code	Package	Units/Box st.
201226.0914	5 kg PP	

Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

$Ca(OH)_2$

M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19

Signal Word: Warning



H315

SPECIFICATIONS:

Assay (Compl.)	95,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Carbonate (USP)	p/t.
Carbonate (as $CaCO_3$)	5,0 %
Chloride (Cl)	0,033 %
Sulphate (SO_4)	0,4 %
Magnesium and alkali salts	4,0 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %

Order code	Package	Units/Box st.
142400.1210	500 g (P)	6
142400.1211	1000 g (P)	6
142400.0914	5 kg (PP)	
142400.0416	25 kg	

Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO

$Ca(OH)_2$

M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19

Signal Word: Warning



H315

SPECIFICATIONS:

Assay (as $Ca(OH)_2$), not less than	95,0-100,5%
Appearance	p/t
Identity:	
Alkali	p/t.
Calcium.	p/t.
Acid-Insoluble substances, not more than	0,5 %
Arsenic (as As), not more than	3 ppm
Carbonate	p/t.
Fluoride, not more than	0,005 %
Lead, not more than	2 ppm
Magnesium and alkali salts, not more than	1,0 %
Barium, not more than	300 ppm

Specifications Dir. 2009/10/CE, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202400.0914	5 kg (PP)	
202400.0416	25 kg	

Calcium Hydroxide native, powder QP

$Ca(OH)_2$

M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19

Signal Word: Warning



H315

SPECIFICATIONS:

Assay (Compl.)	90 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,1 %

Order code	Package	Units/Box st.
211229.1210	500 g (P)	6
211229.1211	1000 g (P)	6
211229.0914	5 kg (PP)	
211229.0416	25 kg	

Calcium Hydroxide 2 mol/l (suspension) VINIKIT

$Ca(OH)_2$

M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19

1l~1,072kg 1kg~0,933l

Composition:

Calcium Hydroxide	14,8 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
625409.1209	250 ml (P)	6

Calcium Indicator, tablets VINIKIT

Reagent in oenology. Indicator for determination of calcium in wines

NC: 3822 00 00

Composition:

Calcein	1 g
Thymolphthalein	0,6 g
Potassium Chloride	100 g
Excipient	2 g

Order code	Package	Units/Box st.	
625516.16113	27 g	6	(*)

Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$Ca(CH_3CHOHCOO)_2.5H_2O$

M: 308,30 CAS: 5743-47-5 EINECS: 212-406-7 NC: 2918 11 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s.	98,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,02 %
Loss on drying at 125°C	22,0-27,0 %
Acidity or alkalinity	p/t.
Volatile fatty acids	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,04 %
Magnesium and alkali salts	1,0 %
Heavy metals (as Pb)	0,0010 %
As	0,0002 %
Ba	p/t.
Cu	0,001 %
Fe	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141230.1210	500 g (P)	6
141230.1211	1000 g (P)	6

Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO

$Ca(CH_3CHOHCOO)_2.5H_2O$

M: 308,30 CAS: 5743-47-5 EINECS: 212-406-7 NC: 2918 11 00

SPECIFICATIONS:

Assay ($C_6H_{10}CaO_6$) calc. a.a.s.	98,0-101,0%
Acidity (as lactic acid) a.a.s., not more than	0,45 %
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,0015 %
Loss on drying	22,0-27,0 %
Magnesium and alkali salts, not more than	1 %
Volatile fatty acids	p/t.
Reducing substances	p/t.
Heavy metals (as Pb), not more than	0,001 %
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm
pH of 5% solution	6,0-8,0

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201230.0914	5 kg (PP)	
201230.0416	25 kg	

Calcium Nitrate 4-hydrate PA-ACS

$Ca(NO_3)_2.4H_2O$

M: 236,15 CAS: 13477-34-4 EINECS: 233-332-1 NC: 2834 29 80 UN: 1454

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319

SPECIFICATIONS:

Assay (Compl.)	99,0-103,0 %
pH of 5% solution	5,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,005 %
Nitrite (NO_2)	0,001 %
Sulphate (SO_4)	0,002 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,0005 %

Metals by ICP [mg/Kg (ppm)]

Al	10	Mg	100
Ba	50	Mn	5
Bi	5	Mo	5
Cd	5	Na	50
Co	5	Ni	5
Cr	5	Pb	5
Cu	5	Sr	100
Fe	5	Tl	5
K	50	Zn	5

Order code	Package	Units/Box st.
131231.1210	500 g (P)	6
131231.1211	1000 g (P)	6
131231.1214	5 kg (P)	4
131231.0416	25 kg (PP)	

(*) 1500 tablets of 18 mg

Calcium Nitrate 4-hydrate PRS

$Ca(NO_3)_2.4H_2O$

M: 236,15 CAS: 13477-34-4 EINECS: 233-332-1 NC: 2834 29 80 UN: 1454
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H319

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,01 %
Acidity (as HNO_3)	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Ammonium (NH_4)	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141231.1210	500 g	6
141231.1211	1000 g	6
141231.1214	5 kg	4
141231.0416	25 kg	

Calcium Oxalate 1-hydrate PA

$CaC_2O_4.H_2O$

M: 146,12 CAS: 5794-28-5 EINECS: 209-260-1 NC: 2917 11 00
Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perm.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,02 %
Carbonate	p/t.
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,005 %
Ba	0,005 %
Cu	0,001 %
Fe	0,003 %
K	0,01 %
Mg	0,002 %
Na	0,1 %
Ni	0,003 %
Pb	0,001 %
Sr	0,2 %

Order code	Package	Units/Box st.
121233.1210	500 g	6

Calcium Oxalate 1-hydrate PRS

$CaC_2O_4.H_2O$

M: 146,12 CAS: 5794-28-5 EINECS: 209-260-1 NC: 2917 11 00
Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.)	98 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,01 %
Cu	0,005 %
Fe	0,05 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141233.1210	500 g	6

Calcium Oxide natural, pieces QP

CaO

M: 56,08 CAS: 1305-78-8 EINECS: 215-138-9 NC: 2825 90 19 UN: 1910
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Compl.)	90 %
Chloride (Cl)	0,05 %
Cu	0,01 %
Fe	0,1 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
211234.1210	500 g	6
211234.1211	1000 g	6
211234.0914	5 kg	
211234.0416	25 kg	

Calcium Phosphate mono-Basic

(see Calcium Bis (di-Hydrogen Phosphate) 1-hydrate)

Calcium Phosphate di-Basic

(see Calcium Hydrogen Phosphate)

Calcium Phosphate tri-Basic

(see tri-Calcium Phosphate)

tri-Calcium Phosphate (RFE, BP, Ph. Eur.) PRS-CODEX

$Ca_3(PO_4)_2$

M: 310,20 CAS: 7758-87-4 EINECS: 231-840-8 NC: 2835 26 10

SPECIFICATIONS:

Assay (Compl.) (as Ca)	35,0-40,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,2 %
Loss on ignition	8,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,15 %
Fluoride (F)	0,005 %
Sulphate (SO_4)	0,5 %
Heavy metals (as Pb)	0,003 %
As	0,0003 %
Cu	0,005 %
Fe	0,04 %
Mg	0,6 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141228.1210	500 g	6
141228.1211	1000 g	6
141228.0914	5 kg	
141228.0416	25 kg	

tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO

$Ca_3(PO_4)_2$

M: 310,20 CAS: 7758-87-4 EINECS: 231-840-8 NC: 2835 26 10

SPECIFICATIONS:

Assay (in ignited substance), not less than	90 %
Assay (as Ca)	34,0-40,0 %
Appearance	p/t
Identity:	
Phosphate	p/t.
Calcium	p/t.
P_2O_5 content	38,5-48,0 %
Arsenic (as As), not more than	3 ppm
Loss on ignition, not more than	8 %
Fluoride, not more than	0,005 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (CE) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201228.0914	5 kg	
201228.0416	25 kg	

Calcium Propionate (E-282, F.C.C.) ADITIO

$Ca(CH_3CH_2COO)_2$

M: 186,22 CAS: 4075-81-4 EINECS: 223-795-8 NC: 2915 50 00

SPECIFICATIONS:

Assay (as $C_6H_{10}CaO_4$) calc. on the dried b.	99,0-100,5%
Loss on drying, not more than	4 %
pH of 10% solution	6,0-9,0
Insoluble substances in H_2O, not more than	0,3 %
IInsoluble substances in acid, not more than	0,2 %
Easily oxidable substances	p/t.
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,001 %
Iron, not more than	30 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	10 ppm
Magnesium (as MgO), not more than	0,4 %
Water, not more than	5,0 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
203238.0914	5 kg	
203238.0416	25 kg	

Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

~$Ca(C_{18}H_{35}O_2)_2$

M: 607,04 CAS: 1592-23-0 EINECS: 216-472-8 NC: 2915 70 30

SPECIFICATIONS:

Assay (as CaO) (Compl.)....9,0-10,5 %
Assay (as Ca) (Compl.) calc. a.d.s....6,4-7,4 %
Assay, fatty acid fraction (G.C.)
Stearic acid, minimum....40,0 %
Stearic + palmitic acids, minimum....90,0 %
Identity according to Pharmacopoeias....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C....4,0 %
Residual solvents (Ph.Eur./USP)....p/t
Acidity or alkalinity....p/t.
Chloride (Cl)....0,1 %
Sulphate (SO_4)....0,3 %
Heavy metals (as Pb)....0,001 %
Total aerobic microbial count (TAMC)....1000 cfu/g
Total combined yeast and mounds (TYMC)....100 cfu/g
Escherichia coli....absence/g
Salmonella....absence/10 g
As....0,0003 %
Cd....0,0003 %
Ni....0,0005 %
Pb....0,001 %

Order code	Package	Units/Box st.
141818.0914	5 kg PP	
141818.0416	25 kg	

Calcium Stearate (E-470a, F.C.C.) ADITIO

~$Ca(C_{18}H_{35}O_2)_2$

M: 607,04 CAS: 1592-23-0 EINECS: 216-472-8 NC: 2915 70 30

SPECIFICATIONS:

Assay (as CaO) calc. a.d.s....9,0-10,5 %
Arsenic (as As), not more than....3 ppm
Loss on drying, not more than....3 %
Unsaponifiable matter, not more than....2 %
Free fatty acids (Stearic acid and/or Oleic acid), not more than....3,0 %
Free alkali (as NaOH), not more than....0,1 %
Heavy metals (as Pb), not more than....10 ppm
Lead, not more than....2 ppm
Mercury, not more than....1 ppm
Cadmium, not more than....1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201818.0914	5 kg PP	
201818.0416	25 kg	

Calcium Stearate QP

~$Ca(C_{18}H_{35}O_2)_2$

M: 607,04 CAS: 1592-23-0 EINECS: 216-472-8 NC: 2915 70 30

SPECIFICATIONS:

Assay (as CaO)(Compl.)....9,0-10,5 %
Loss on drying at 105°C....4 %
As....0,0003 %
Pb....0,002 %

Order code	Package	Units/Box st.
211818.1211	1000 g P	6
211818.0914	5 kg PP	
211818.0416	25 kg	

Calcium Sulphate 2-hydrate PA-ACS

$CaSO_4.2H_2O$

M: 172,17 CAS: 10101-41-4 EINECS: 231-900-3 NC: 2833 29 90

SPECIFICATIONS:

Assay (Compl.)....98,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl....0,01 %
Carbonate....p/t.
Chloride (Cl)....0,002 %
Nitrate (NO_3)....0,002 %
Heavy metals (as Pb)....0,001 %
As....0,00004 %
Cu....0,001 %
Fe....0,001 %
K....0,005 %
Mg....0,02 %
Na....0,02 %
Ni....0,001 %
Pb....0,001 %
Sr....0,05 %

Order code	Package	Units/Box st.
131235.1210	500 g P	6
131235.1211	1000 g P	6
131235.0914	5 kg PP	
131235.0416	25 kg	

Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$CaSO_4.2H_2O$

M: 172,17 CAS: 10101-41-4 EINECS: 231-900-3 NC: 2833 29 90

SPECIFICATIONS:

Assay calc. a.a.s. (Compl.)....98,0-101,0%
Identity according to Pharmacopoeias....p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl....0,03 %
Loss on drying at 250°C....19,0-23,0 %
Loss on ignition....18,0-22,0 %
Residual solvents (Ph.Eur./USP)....p/t.
Acidity or alkalinity....p/t.
Chloride (Cl)....0,03 %
Heavy metals (as Pb)....0,001 %
As....0,0001 %
Cu....0,002 %
Fe....0,005 %
Ni....0,002 %
Pb....0,002 %

Order code	Package	Units/Box st.
141235.1210	500 g P	6
141235.1211	1000 g P	6
141235.0914	5 kg PP	
141235.0416	25 kg	

Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO

$CaSO_4.2H_2O$

M: 172,17 CAS: 10101-41-4 EINECS: 231-900-3 NC: 2833 29 90

SPECIFICATIONS:

Assay (as $CaSO_4$) calc. a.d.s., not less than....99,0 %
Fluoride, not more than....0,003 %
Loss on drying....19,0-23,0 %
Selenium, not more than....0,003 %
Arsenic, not more than....3 ppm
Mercury, not more than....1 ppm
Lead, not more than....2 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201235.0914	5 kg PP	
201235.0416	25 kg	

Calcon (C.I. 15705) PA

for titrating metals

$C_{20}H_{13}N_2NaO_5S$

M: 416,39 CAS: 2538-85-4 EINECS: 219-810-2 NC: 2927 00 00

SPECIFICATIONS:

Identity....IR p/t.
λ of max. ABS at pH 12,2(Calcic complex)....632-636 nm
A 1%; 1 cm; λmax....>180
T.L.C....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C....10 %
Suitability as complexometric indicator....p/t.

Order code	Package	Units/Box st.
124537.1607	50 g	6

Calconcarboxylic Acid (Reag. Ph. Eur.) PA

for complexometry

$C_{21}H_{14}N_2O_7S$

M: 438,42 CAS: 3737-95-9 EINECS: 223-117-0 NC: 2927 00 00

SPECIFICATIONS:

Identity....IR p/t.
λ of max. ABS in C_2H_5OH....569-572 nm
A 1%, 1cm, λmax....>250
T.L.C....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C....7 %
Suitability as compl.indicator of Ca....p/t.
Cu....0,005 %
Fe....0,005 %
Ni....0,005 %
Pb....0,005 %
Zn....0,005 %

Order code	Package	Units/Box st.
123575.1604	5 g	6
123575.1606	25 g	6

DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX

$C_{10}H_{16}O$

M: 152,24 CAS: 21368-68-3 EINECS: 244-350-4 NC: 2914 21 00 UN: 1325
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Danger



H228

SPECIFICATIONS:
Identity according to Pharmacopoeias ..... p/t.
Melting range..... 172-180°C
Specific rotation $[\alpha]^{20}/D$ c=10 (in ethanol)..... -0,15 to +0,15°
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Non-volatile matter..... 0,05 %
Acidity or alkalinity..... p/t.
Halogenated compounds (as Cl)..... 0,01 %
Water ..... p/t.
Related substances..... p/t.

Order code	Package	Units/Box st.
146308.1210	500 g P	6
146308.0914	5 kg	
146308.0416	25 kg	

DL-Camphor synthetic (USP) PRS-CODEX

$C_{10}H_{16}O$

M: 152,24 CAS: 21368-68-3 EINECS: 244-350-4 NC: 2914 21 00 UN: 2717
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Danger



H228

SPECIFICATIONS:
Identity..... IR p/t.
Melting range..... 174-179°C
Specific rotation $[\alpha]^{20}/D$ c=10 (in ethanol)..... -0,15 to+ 0,15°
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_2H_5OH ..... p/t.
Non-volatile matter..... 0,05 %
Acidity or alkalinity..... p/t.
Halogenated compounds (as Cl)..... 0,01 %
Water ..... p/t.

Order code	Package	Units/Box st.
142652.1210	500 g P	6
142652.1211	1000 g P	6
142652.0914	5 kg	
142652.0416	25 kg	

DL-Camphor, 95% synthetic PS

$C_{10}H_{16}O$

M: 152,24 CAS: 21368-68-3 EINECS: 244-350-4 NC: 2914 21 00 UN: 2717
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Danger



H228

SPECIFICATIONS:
Assay..... 95 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
152652.1210	500 g P	6

Canada Balsam DC

for microscopy, inclusion medium
CAS: 8007-47-4 EINECS: 232-362-2 NC: 1301 90 00
1l~0,991kg 1kg~1,009l
SPECIFICATIONS:
Identity..... IR p/t.
Density at 20/4 0,987-0,994
Refractive index n $^{20}/D$..... 1,520-1,523
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_8H_{10}..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.

Order code	Package	Units/Box st.
251179.1606	25 ml	6
251179.1608	100 ml	6
251179.1609	250 ml	6

Capric Acid

(see Decanoic Acid)

Capric Acid Chloride

(see Decanoyl Chloride)

Capric Acid Methyl Ester

(see Methyl Decanoate)

Caproic Acid

(see Hexanoic Acid)

Caproic Acid Chloride

(see Hexanoyl Chloride)

Caproic Acid Methyl Ester

(see Methyl Hexanoate)

Caproyl Chloride

(see Hexanoyl Chloride)

Capryl Chloride

(see Decanoyl Chloride)

Caprylene

(see 1-Octene)

Caprylic Acid

(see Octanoic Acid)

Caprylic Acid Chloride

(see Octanoyl Chloride)

Caprylic Acid Methyl Ester

(see Methyl Octanoate)

Capryloyl Chloride

(see Octanoyl Chloride)

CAPS

(see 3-Cyclohexylaminopropanesulphonic Acid)

CAPSO

(see 3-(Cyclohexylamino) 2-Hydroxy-1-Propanesulphonic Acid)

Carazzi's Hematoxylin solution DC

for microscopy and cytology
NC: 3822 00 00
1l~1,080kg 1kg~0,926l
Composition:
Hematoxylin..... 0,1 g
Aluminium Potassium Sulphate 12-hydrate..... 5 g
Sodium Iodate..... 0,02 g
Glycerol ..... 20 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
255298.1610	500 ml	6
255298.1612	2,5 l	4

Carbamide

(see Urea)

Carbamide Nitrate

(see Urea Nitrate)

1-Carbamoyl-2-Phenylhydrazine

(see 1-Phenylsemicarbazide)

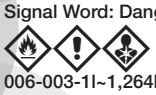
N-Carbobenzyloxy-L-Valine

(see N-Z-L-Valine)

Carbon Disulphide (UV-IR-HPLC) PAI

CS_2

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P
Signal Word: Danger


H225-H319-H315-H372-H361fd

006-003-1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,005 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	385 (Cut off)	390	400	410	420-500
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	0,3
Eluotropic value E°(Al_2O_3)	0,15
Sol. H_2O in solv. at 20°C	0,005
P' + 0,25 E	1,7

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361244.1611	1000 ml	6

Carbon Disulphide dry (max. 0.005% water) low in aromatic compounds DS-ACS

CS_2

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P
Signal Word: Danger


H225-H319-H315-H372-H361f

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Benzene (G.C.)	0,0001 %
Toluene (G.C.)	0,0001 %
Water (H_2O)	0,005 %
Hydrogen Sulphide (H_2S)	0,00015 %
Sulphur Dioxide (SO_2)	0,00025 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	Sb	0,02
Au	0,05	Hg	0,05	Si	0,2
B	0,02	In	0,05	Sn	0,1
Ba	0,1	K	0,1	Sr	0,2
Be	0,02	Li	0,05	Ti	0,02
Bi	0,05	Mg	0,1	Tl	0,02
Ca	0,5	Mn	0,02	V	0,02
Cd	0,05	Mo	0,02	Zn	0,1
Co	0,02	Na	0,5	Zr	0,02
Cr	0,02	Ni	0,02		
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481244.1611	1000 ml	6

Carbon Disulphide PA-ACS

CS_2

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P
Signal Word: Danger


H225-H319-H315-H372-H361fd

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,002 %
Benzene (G.C.)	0,001 %
Water (H_2O)	0,01 %
Hydrogen Sulphide (H_2S)	0,00015 %
Sulfur Dioxide (SO_2)	0,00025 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,02
Al	0,5	Fe	0,1	P	0,2
As	0,05	Ga	0,02	Pb	0,1
Au	0,05	Ge	0,05	Pt	0,02
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	n.	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
				Zr	0,02

Order code	Package	Units/Box st.
131244.1611	1000 ml	6
131244.0616	25 l	

Carbon Disulphide PRS

CS_2

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P
Signal Word: Danger


H225-H319-H315-H372-H361fd

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Non-volatile matter	0,005 %
Benzene (G.C.)	0,005 %
Toluene (G.C.)	0,005 %
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141244.1611	1000 ml	6
141244.0616	25 l	

Carbon Disulphide, 99,5% PS

CS_2

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P
Signal Word: Danger


H225-H319-H315-H372-H361fd

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Water (H_2O)	0,01 %

Order code	Package	Units/Box st.
161244.1611	1000 ml	6
161244.1612	2,5 l	4
161244.0616	25 l	

Carbon Sulphide

(see Carbon Disulphide)

Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI

for Essential Uses
CCl_4
M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412
1l~1,594kg 1kg~0,627l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 1,592-1,595
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	263 (Cut off)	265	270	275	280	290-400
A (AU)	1,000	0,699	0,301	0,097	0,046	0,009
T (%)	10	20	50	80	90	98

Fluorescence (as quinine):

λ (nm)	365
ppb	1,0

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 1,6
Eluotropic value E°(Al_2O_3) 0,18
Sol. H_2O in solv. at 20°C 0,008
P' + 0,25 E 2,3
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361245.1611	1000 ml	6

Carbon Tetrachloride (IR) (E.U.) PAI

for fatty esters determination for Essential Uses
CCl_4
M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412
1l~1,594kg 1kg~0,627l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/4 1,592-1,595
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Acidity ..... 0,0005 meq/g
Water (H_2O) ..... 0,01 %
Aliphatic and aromatic hydrocarbons (as squalene) ..... 0,0002 %

Order code	Package	Units/Box st.
331245.1611	1000 ml	6
331245.1612	2,5 l	4

Carbon Tetrachloride (ACS VIII, Reag. Ph. Eur.) (E.U.) PA-ACS-ISO

for Essential Uses
CCl_4
M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412
1l~1,594kg 1kg~0,627l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/20 1,595-1,598
Boiling range ..... 76-77°C
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Dichloromethane (G.C.) ..... 0,02 %
Suitability for use in dithizone tests ..... p/t.
Metallic impurities ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Reducing substances of I_2 (as I) ..... 0,0016 %
Sulphur compounds (as CS_2) ..... 0,002 %
Acidity ..... 0,0005 meq/g
Carbonyl compounds (as CH_3COCH_3) ..... 0,005 %
Water (H_2O) ..... 0,02 %
Chlorine (Cl) ..... 0,0005 %
Phosgene (Cl_2CO) ..... 0,0001 %
Chloride (Cl) ..... 0,00006 %
Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	Sb 0,02
Au 0,05	Hg 0,05	Si 0,2
B 0,02	In 0,05	Sn 0,1
Ba 0,1	K 0,1	Sr 0,2
Be 0,02	Li 0,05	Ti 0,02
Bi 0,05	Mg 0,1	Tl 0,02
Ca 0,5	Mn 0,02	V 0,02
Cd 0,05	Mo 0,02	Zn 0,1
Co 0,02	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131245.1611	1000 ml	6
131245.1612	2,5 l	4

Carbon Tetrachloride (E.U.) PRS

for Essential Uses
CCl_4
M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412
1l~1,594kg 1kg~0,627l
SPECIFICATIONS:
Assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 25/25 1,588-1,590
Non-volatile matter ..... 0,002 %
Dichloromethane (G.C.) ..... 0,05 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... p/t.
Carbon disulphide ..... p/t.
Water (H_2O) ..... 0,05 %
Phosgene (Cl_2CO) ..... 0,0005 %
Chloride and free chlorine ..... p/t.
Cu ..... 0,00002 %
Fe ..... 0,00002 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141245.1611	1000 ml	6
141245.1612	2,5 l	4

Carbowax

(see Polyethylene Glycol)

Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX

R_nOCH_2COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay [as Na (calc. a.d.s.)](Perchl. Ac.)	6,5-9,5 %
Identity according to Pharmacopoeias	p/t.
pH of 1% solution	6,5-8,0
Viscosity (2% sol. at 20°C)	25-50 cP

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	10,0 %
Residue on ignition (as SO_4)	20,0-29,3 %
Chloride (Cl)	0,25 %
Residual solvents (Ph.Eur./USP)	p/t.
Sodium glycolate	0,4 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Fe	0,02 %

Order code	Package	Units/Box st.
142416.1209	250 g	6
142416.1211	1000 g	6
142416.0416	25 kg	

Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO

R_nOCH_2COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay of Carboxymethylcellulose Sodium Salt, calc. on the dried basis	99,5-100,5%
Arsenic (as As), not more than	3 ppm
Lead, not more than	3 ppm
Heavy metals (as Pb), not more than	0,001 %
Loss on drying, not more than	10,0 %
Viscosity of a 2% sol. w/w, not less than	25 cP
Sodium Chloride and Sodium Glycolate, not more than	0,5 %
Sodium Glycolate, not more than	0,4 %
Degree of substitut. per anhydroglucose unit (as -CH_2COOH groups)	0,2-0,95 %
Sodium (after drying), not more than	9,5 %
pH of 1% solution	6,0-8,5
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202416.0914	5 kg	

Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX

R_nOCH_2COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay [as Na (calc. a.d.s.)](Perchl. Ac.)	6,5-9,5 %
Identity according to Pharmacopoeias	p/t.
pH of 1% solution	6,5-8,0
Viscosity (2% sol. at 20°C)	400-800 cP

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	10,0 %
Residue on ignition (as SO_4)	20,0-29,3 %
Chloride (Cl)	0,25 %
Residual solvents (Ph.Eur./USP)	p/t.
Sodium glycolate	0,4 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Fe	0,02 %

Order code	Package	Units/Box st.
144441.1209	250 g	6
144441.0914	5 kg	
144441.0416	25 kg	

Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO

R_nOCH_2COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay of Carboxymethylcellulose Sodium Salt, calc. on the dried basis	99,5-100,5%
Arsenic (as As), not more than	3 ppm
Lead, not more than	3 ppm
Heavy metals (as Pb), not more than	0,001 %
Loss on drying, not more than	10,0 %
Viscosity of a 2% sol. w/w, not less than	400 cP
Sodium Chloride and Sodium Glycolate, not more than	0,5 %
Sodium Glycolate, not more than	0,4 %
Degree of substitut. per anhydroglucose unit (as -CH_2COOH groups)	0,2-0,95%
Sodium (after drying), not more than	9,5 %
pH of 1% solution	6,0-8,5
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
204441.0914	5 kg	

Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX

R_nOCH_2COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay [as Na(calc.a.d.s.)](Perchl. Ac.).	6,5-9,5 %
Identity according to Pharmacopoeias	p/t.
pH of 1% solution	6,5-8,0
Viscosity (1% sol. at 20°C)	1500-3500 cP

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	10,0 %
Residue on ignition (as SO_4)	20,0-29,3 %
Chloride (Cl)	0,25 %
Residual solvents (Ph.Eur./USP)	p/t.
Sodium glycolate	0,4 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Fe	0,02 %

Order code	Package	Units/Box st.
143922.1209	250 g	6
143922.1211	1000 g	6
143922.0914	5 kg	

Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO

R_nOCH_2COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay of Carboxymethylcellulose Sodium Salt, calc. on the dried basis	99,5-100,5%
Arsenic (as As), not more than	3 ppm
Lead, not more than	3 ppm
Heavy metals (as Pb), not more than	0,001 %
Loss on drying, not more than	10,0 %
Viscosity of a 2% sol. w/w, not less than	1500 cP
Sodium Chloride and Sodium Glycolate, not more than	0,5 %
Sodium Glycolate, not more than	0,4 %
Degree of substitut. per anhydroglucose unit (as -CH_2COOH groups)	0,2-0,95 %
Sodium (after drying), not more than	9,5 %
pH of 1% solution	6,0-8,5
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
203922.0914	5 kg	
203922.0416	25 kg	

Carmine (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC

$C_{44}H_{37}AlCaO_{27}.3H_2O$

M: 1118,78 CAS: 1390-65-4 EINECS: 215-724-4 NC: 3203 00 90

SPECIFICATIONS:

Identity	IR p/t.
λ_1 of max. ABS in DMSO	563-571 nm
λ_2 of max. ABS in DMSO	525-533 nm
A 1%, 1 cm, λ_1 max	>70
A 1%, 1 cm, λ_2 max	>100
Ratio λmax. P+/- 15 nm (at λ528 nm)	1,00-1,10

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	15 %

Order code	Package	Units/Box st.
251824.1605	10 g	6
251824.1606	25 g	6

Carmine hydrosoluble (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) PA

$C_{44}H_{37}AlCaO_{27}.3H_2O$

M: 1118,78 CAS: 1390-65-4 EINECS: 215-724-4 NC: 3203 00 90

SPECIFICATIONS:

Minimum assay (Spectrophotometric) (as Carminic Acid) ..... 50,0 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
124842.1605	10 g	6

Carminic Acid (C.I. 75470) DC

$C_{22}H_{20}O_{13}$

M: 492,40 CAS: 1260-17-9 EINECS: 215-023-3 NC: 3204 12 00

SPECIFICATIONS:

Minimum assay (Spectrophotometric) calc. a.d.s ..... 90,0 %
Identity ..... IR p/t.
λ of max. ABS at pH 3,0 ..... 490-495 nm
A 1%; 1cm; λmax ..... >130

Order code	Package	Units/Box st.
254354.1604	5 g	6

Carnoy's Fixing DC

for microscopy

NC: 3822 00 00 UN: 1992

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H351-H373-H319-H315

1l~1,022kg 1kg~0,978l

Composition:
Acetic Acid glacial ..... 100 ml
Ethanol absolute ..... 600 ml
Trichloromethane stab. with ethanol ..... 300 ml

Order code	Package	Units/Box st.
251917.1611	1000 ml	6

Carrez I, Carrez II

(see Carrez's Reagent)

Carrez's Reagent I RE

for precipitation of proteins

NC: 3822 00 00

1l~1,122kg 1kg~0,891l

Composition:
Zinc Acetate 2-hydrate ..... 239 g
Acetic Acid glacial ..... 28,6 ml
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
173355.1211	1000 ml	6
173355.1214	5 l	4

Carrez's Reagent II RE

for precipitation of proteins

NC: 3822 00 00

1l~1,061kg 1kg~0,943l

Composition:
Potassium Hexacyanoferrate(II) 3-hydrate ..... 107 g
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
173356.1211	1000 ml	6
173356.1214	5 l	4

Carvacrol

(see 5-Isopropyl-2-Methylphenol)

Casein Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 7 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403898.1210	500 g	6
403898.0914	5 kg	
403898.0416	25 kg	

Casein Peptone Hydrolyzed (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 5 %
Residue on ignition (as SO_4) ..... 45 %
Total Nitrogen ..... ≥5 %

Order code	Package	Units/Box st.
403691.1210	500 g	6
403691.0914	5 kg	
403691.0416	25 kg	

Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX

CAS: 8001-79-4 EINECS: 232-293-8 NC: 1515 30 90

1l~0,958kg 1kg~1,044l

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 0,952-0,965
Refractive index n^{20}/D 1,477-1,481
Hydroxyl value ..... ≥150
Iodine value 82-90
Saponification value 176-187
Specific Rotation $[\alpha]^{20}/D$ (without dil.) ..... +3,5 to +6,0°

MAXIMUM LIMIT OF IMPURITIES

Absorbance ..... p/t.
Acidity value 2,0
Peroxide value 5,0
Unsaponifiable matter ..... 0,8 %
Composition of fatty acids ..... p/t.
Foreign fatty substances ..... p/t.
Water (H_2O) ..... 0,3 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
144564.1611	1000 ml	6
144564.1214	5 l	4

Catechol

(see Pyrocatechol)

Cation Exchange Resin Strongly Acidic PA

CAS: 69011-20-7 NC: 3914 00 00

SPECIFICATIONS:

Total exchange capacity, min ..... 2,0 meq/ml
Water ..... 46-52 %

Order code	Package	Units/Box st.
125436.1211	1000 g	6

Cbz

(see Z derivatives)

CDTA

(see 1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic Acid 1-hydrate)

Cedar Wood Oil DC

for microscopy, inclusion medium

CAS: 8000-27-9 NC: 3301 30 00

1l~0,991kg 1kg~1,009l

SPECIFICATIONS:

Identity ..... IR p/t.
Density at 20/4 0,986-0,996
Refractive index n^{20}/D 1,518-1,525

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in $C_2H_5OC_2H_5$ ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.

Order code	Package	Units/Box st.
251001.1606	25 ml	6
251001.1607	50 ml	6

Celite Hyflo Super Cel ® RE

(® Registered trade-mark of World Minerals)

CAS: 61790-53-2 EINECS: 319-127-6 NC: 3802 90 00

Signal Word: Warning



H371

SPECIFICATIONS:

Loss on ignition ..... 0,2 %
Granular size:
Less than 0,1 mm ..... 90 %

Order code	Package	Units/Box st.
175772.1210	500 g	6

Cellosolve

(see Ethylene Glycol mono-Ethyl Ether)

Ceric

(see Cerium(IV) compounds)

CERIUM SOLUTIONS

(see Standards for ICP)

Cerium(IV) Ammonium Nitrate

(see Ammonium Cerium(IV) Nitrate)

Cerium(IV) and Ammonium Sulphate

(see Ammonium Cerium(IV) Sulphate 2-hydrate)

Cerium(IV) Oxide PRS

CeO_2

M: 172,12 CAS: 1306-38-3 EINECS: 215-150-4 NC: 2846 90 00

SPECIFICATIONS:

Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,1 %
Heavy metals (as Pb) ..... 0,002 %

Order code	Package	Units/Box st.
141247.1208	100 g (P)	6
141247.1209	250 g (P)	6

Cerium(IV) Sulphate 4-hydrate (Reag. USP, Ph. Eur.) PA

$Ce(SO_4)_2.4H_2O$

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 98 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,1 %
Non-precipitated by NH_4OH ..... 0,3 %
Chloride (Cl) ..... 0,01 %
Heavy metals (as Pb) ..... 0,003 %
Heavy metals (Reagent Pharmacopoeias) ..... p/t.
Al ..... 0,01 %
Cu ..... 0,003 %
Fe ..... 0,015 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
121248.1208	100 g (P)	6
121248.1209	250 g (P)	6
121248.1211	1000 g (P)	6
121248.1214	5 kg (PP)	

Cerium(IV) Sulphate 4-hydrate PRS

$Ce(SO_4)_2.4H_2O$

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00

SPECIFICATIONS:

Assay (Iodom.) ..... 98 %
Chloride (Cl) ..... 0,05 %
Cu ..... 0,01 %
Fe ..... 0,05 %
Ni ..... 0,01 %
Pb ..... 0,01 %

Order code	Package	Units/Box st.
141248.1208	100 g (P)	6
141248.1209	250 g (P)	6
141248.1211	1000 g (P)	6
141248.1214	5 kg (PP)	4

CERIUM(IV) SULPHATE VOLUMETRIC SOLUTIONS

Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV

$Ce(SO_4)_2 4H_2O$

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00 UN: 3264
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
1l~1,036kg 1kg~0,965l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
182136.1611	1000 ml	6

Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV

$Ce(SO_4)_2 4H_2O$

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00 UN: 3264
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
1l~1,083kg 1kg~0,923l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181249.1611	1000 ml	6

CESIUM SOLUTIONS

(see Standards for ICP)

Cesium Chloride (Reag. Ph. Eur.) PA

CsCl

M: 168,36 CAS: 7647-17-8 EINECS: 231-600-2 NC: 2827 39 85

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,003 %
Nitrogen compounds (as N) ..... 0,003 %
Phosphate (PO_4) ..... 0,002 %
Sulphate (SO_4) ..... 0,002 %

Metals by ICP [mg/Kg (ppm)]

Al	10	K	20
As	1	Li	20
B	2	Mg	5
Ba	10	Mn	3
Bi	2	Mo	5
Ca	10	Na	30
Cd	3	Ni	3
Co	3	Pb	3
Cr	3	Sr	3
Cu	3	Tl	5
Fe	3	Zn	5

Order code	Package	Units/Box st.
122509.1206	25 g (P)	6
122509.1208	100 g (P)	6

Cesium Chloride/Aluminium Nitrate Buffer Solution

(see Buffer Solution Aluminium Nitrate/Cesium Chloride)

Cesium Chloride/Lanthanum Chloride Buffer Solution

(see Buffer Solution Cesium Chloride/Lanthanum Chloride)

Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX

$C_{17}H_{38}BrN$

M: 336,42 CAS: 1119-97-7 EINECS: 214-291-9 NC: 2923 90 00

Signal Word: Warning

H302-H319-H335-H315

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s 96,0-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 2,0 %
Residue on ignition (as SO_4) ..... 0,5 %
Acidity or alkalinity ..... p/t.
Amines and amine salts ..... p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
142542.1208	100 g (P)	6
142542.1209	250 g (P)	6

Cetrimonium Bromide

(see N-Cetyl-N,N,N-Trimethylammonium Bromide)

Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$CH_3(CH_2)_{15}OH$

M: 242,45 CAS: 36653-82-4 EINECS: 253-149-0 NC: 2905 17 00

Signal Word: Warning

H315

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 46-52°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in alcohol ..... p/t.
Acidity value 1,0
Hydroxyl value 218-238
Saponification value 2,0
Iodine value 2,0
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
143143.1210	500 g (P)	6
143143.1211	1000 g (P)	6
143143.0914	5 kg (PP)	

Cetyl Alcohol, 97% PS

$CH_3(CH_2)_{15}OH$

M: 242,45 CAS: 36653-82-4 EINECS: 253-149-0 NC: 2905 17 00

Signal Word: Warning



H315

SPECIFICATIONS:

Minimum assay (G.C.) ..... 97 %
Identity ..... IR p/t.
Melting range ..... 47-50°C

Order code	Package	Units/Box st.
163143.1208	100 g	6
163143.1210	500 g	6

N-Cetyl-N,N,N-Trimethylammonium Bromide PA

$C_{19}H_{42}BrN$

M: 364,46 CAS: 57-09-0 EINECS: 200-311-3 NC: 2923 90 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H302-H319-H315-H400

SPECIFICATIONS:

Minimum assay (Arg.) ..... 98,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 1 %
Residue on ignition (as SO_4) ..... 0,5 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122054.1208	100 g	6
122054.1209	250 g	6

N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS

$C_{19}H_{42}BrN$

M: 364,46 CAS: 57-09-0 EINECS: 200-311-3 NC: 2923 90 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H302-H319-H315-H400

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
162054.1208	100 g	6
162054.1211	1000 g	6

Charcoal Activated powder PA

bleacher
C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Adsorption power of methylene blue (0,15%) min ..... 100 ml/g
Decolorizing power ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Soluble matter in H_2O ..... 0,2 %
Soluble matter in HCl ..... 1 %
Soluble matter in C_2H_5OH ..... 0,2 %
Organic substances ..... p/t.
Loss on drying at 120°C ..... 10 %
Residue on ignition ..... 1 %
Acidity and alkalinity ..... p/t.
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Sulphide (S) ..... p/t.
Ca ..... 0,05 %
Cu ..... 0,002 %
Fe ..... 0,025 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
121237.1609	250 g	6
121237.1610	500 g	6
121237.0914	5 kg	
121237.0416	25 kg	

Charcoal Activated powder (E-153, F.C.C.) ADITIO

C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Iodine Index, not less than 400
Loss on drying, not more than ..... 10 %
Residue on ignition, not more than ..... 7 %
Cyanogen Compounds ..... p/t.
Higher aromatic Hydrocarbons ..... p/t.
Lead, not more than ..... 10 ppm
Arsenic (as As), not more than ..... 3 ppm
Soluble matter in water, not more than ..... 4,0 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201237.0914	5 kg	
201237.0416	25 kg	

Charcoal Activated powder QP

bleacher
C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Decolorizing power ..... p/t.
Chloride (Cl) ..... 0,2 %
Cu ..... 0,005 %
Fe ..... 0,05 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
211237.1609	250 g	6
211237.1610	500 g	6
211237.0914	5 kg	
211237.0416	25 kg	

Charcoal Activated granulated n° 1 QP

granules of ~3 mm. Catalyst and adsorber
C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Residue on ignition at 600°C ..... 6 %
Granular size ..... 1,25-3,15 mm

Order code	Package	Units/Box st.
211238.1609	250 g	6
211238.1610	500 g	6
211238.0914	5 kg	
211238.0416	25 kg	

Charcoal Activated granulated n° 2 QP

cilynders of ~3 mm. Bleacher and adsorber
C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Residue on ignition at 600°C ..... 15 %
Granular size ..... 3-5 mm

Order code	Package	Units/Box st.
211239.1609	250 g	6
211239.1610	500 g	6
211239.0914	5 kg	
211239.0416	25 kg	

Charcoal Activated granulated n° 3 QP

granules of 3 mm. Bleacher and adsorber
C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Residue on ignition at 600°C ..... 6 %
Granular size ..... 0,5-3,15 mm

Order code	Package	Units/Box st.
211240.1609	250 g	6
211240.1610	500 g	6
211240.0914	5 kg	

Charcoal Animal powder QP

bleacher

NC: 3801 90 00

SPECIFICATIONS:

Acidity and alkalinity ..... p/t.
Sulphide ..... p/t.

Order code	Package	Units/Box st.
211241.1609	250 g	6
211241.1610	500 g	6
211241.0914	5 kg	
211241.0416	25 kg	

Charcoal Vegetal powder QP

adsorber

NC: 4402 90 00

SPECIFICATIONS:

Acidity and alkalinity ..... p/t.
Sulphide ..... p/t.

Order code	Package	Units/Box st.
211243.1609	250 g	6
211243.1610	500 g	6
211243.0914	5 kg	
211243.0416	25 kg	

Chemical Oxygen Demand (COD)

(see Standards for COD)

CHES

(see 2-Cyclohexylaminoethanosulphonic Acid)

Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

$C_2H_3Cl_3O_2$

M: 165,40 CAS: 302-17-0 EINECS: 206-117-5 NC: 2905 59 99 UN: 2811 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Assay (Acidim.) 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 10% solution 3,5-5,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,1 %
Chloral alcoholate ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Chloride (Cl) ..... 0,01 %
Heavy metals (as Pb) ..... 0,002 %

Order code	Package	Units/Box st.
141975.1210	500 g	6
141975.1211	1000 g	6
141975.1214	5 kg	4
141975.0416	25 kg	

Chloramine T 3-hydrate (Reag. USP) PA-ACS

$C_7H_7ClNNaO_2S.3H_2O$

M: 281,69 CAS: 7080-50-4 EINECS: 204-854-7 NC: 2935 00 90

Signal Word: Danger



H302-EUH031-H314-H334

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%
Identity ..... IR p/t.
pH of 5% solution 8,0-10,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Insoluble matter in C_2H_5OH ..... 1,5 %
ortho-Compound ..... p/t.
Suitability for bromide determination ..... p/t.

Order code	Package	Units/Box st.
132323.1209	250 g	6

Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

$C_7H_7ClNNaO_2S.3H_2O$

M: 281,69 CAS: 7080-50-4 EINECS: 204-854-7 NC: 2935 00 90

Signal Word: Danger



H302-EUH031-H314-H334

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 8,0-10,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Insoluble matter in C_2H_5OH ..... 1,5 %
ortho-Compound ..... p/t.

Order code	Package	Units/Box st.
142323.1209	250 g	6
142323.1211	1000 g	6
142323.0914	5 kg	
142323.0416	25 kg	

Chloramine T 3-hydrate, 98% PS

$C_7H_7ClNNaO_2S.3H_2O$

M: 281,69 CAS: 7080-50-4 EINECS: 204-854-7 NC: 2935 00 90

Signal Word: Danger



H302-EUH031-H314-H334

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152323.1208	100 g	6
152323.1211	1000 g	6

Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX

$C_{11}H_{12}Cl_2N_2O_5$

M: 323,13 CAS: 56-75-7 EINECS: 200-287-4 NC: 2941 40 00

SPECIFICATIONS:

Assay (UV) calc. a.d.s. 98,0-102,0%
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 149-153°C
Specific rotation $[\alpha]^{20}/D$ c=6 (in C_2H_5OH) ..... +18,5 to+20,5°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Related substances ..... p/t.
Acidity or alkalinity ..... p/t.
Chloride (Cl) ..... 0,01 %

Order code	Package	Units/Box st.
143481.1606	25 g	6
143481.1608	100 g	6
143481.1610	500 g	6

Chlorbutol

(see 1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate)

5-Chlorcarvacrol, 97% PS

$C_{10}H_{13}ClO$

M: 184,67 CAS: 5665-94-1 EINECS: 227-122-9 NC: 2908 19 00

Signal Word: Warning



H315

SPECIFICATIONS:

Assay (G.C.) ..... 97 %
Identity ..... IR p/t.
Heavy metals (as Pb) ..... 20 ppm
Residue on ignition (as SO_4) ..... 0,2 %

Order code	Package	Units/Box st.
153856.1610	500 g	6

CHLORIDE SOLUTIONS

(see Standards for ICP and Ionic Chromatography)

Chlorine Iodide

(see Iodine mono-Chloride)

mono-Chloroacetic Acid PRS

$C_2H_3ClO_2$

M.= 94,50 CAS [79-11-8] EINECS 201-178-4 NC: 2915 40 00

E.C.: 607-003-00-1 RTECS: AF 8575000 LD_{50} orl rat 580 mg/Kg

LC_{50} ihl rat 180 mg/m³ UN: 1751 ADR: 6.1/II IMDG: 6.1/II IATA: 6.1/II PAX: 614 CAO: 616 (D/E)

Signal Word: Danger



H331-H311-H301-H314-H400

SPECIFICATIONS:

Assay (Acidim.) ..... 98,5 %
Melting range ..... 61-63°C
Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,2 %
Nitrogen compounds (as N) ..... 0,01 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141811.1611	1000 g	6

Chloroacetic Anhydride, 97% PS

$C_4H_4Cl_2O_3$

M: 170,98 CAS: 541-88-8 EINECS: 208-794-2 NC: 2915 29 00 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H331-H311-H301-H314

SPECIFICATIONS:
Minimum assay ..... 97 %

Order code	Package	Units/Box st.
15A148.1606	25 g	6

4-Chloroacetoacetic Acid Ethyl Ester

(see Ethyl 4-Chloroacetoacetate)

5-Chloroanthranilic Acid

(see 2-Amino-5-Chlorobenzoic Acid)

2-Chlorobenzaldehyde, 99% PS

C_7H_5ClO

M: 140,57 CAS: 89-98-5 EINECS: 201-956-3 NC: 2913 00 00 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,249kg 1kg~0,801l

SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B291.1609	250 ml	6
15B291.1611	1000 ml	6

3-Chlorobenzaldehyde, 99% PS

C_7H_5ClO

M: 140,57 CAS: 587-04-2 EINECS: 209-596-9 NC: 2913 00 00
Signal Word: Warning



H319-H335-H315

1l~1,241kg 1kg~0,806l

SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B292.1606	25 ml	6
15B292.1608	100 ml	6

mono-Chlorobenzene

(see Chlorobenzene)

Chlorobenzene dry (max. 0,01% water) DS-ACS

C_6H_5Cl

M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H411

1l~1,108kg 1kg~0,903l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 1,106-1,110

MAXIMUM LIMIT OF IMPURITIES
APHA colour 30
Non-volatile matter ..... 0,002 %
Benzene (G.C.) ..... 0,01 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as CS_2) ..... 0,0003 %
Acidity ..... 0,004 meq/g
Water (H_2O) ..... 0,01 %
Thiophene (C_4H_4S) ..... 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
481953.1611	1000 ml	6

Chlorobenzene (Reag. USP) PA-ACS

C_6H_5Cl

M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H411

1l~1,108kg 1kg~0,903l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/20 1,100-1,111
Boiling range (>95% dist.) ..... 129-131°C

MAXIMUM LIMIT OF IMPURITIES
APHA colour 30
Non-volatile matter ..... 0,002 %
Benzene (G.C.) ..... 0,01 %
1,2-Dichlorobenzene (G.C.) ..... 0,02 %
1,3-Dichlorobenzene (G.C.) ..... 0,02 %
1,4-Dichlorobenzene (G.C.) ..... 0,02 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as CS_2) ..... 0,0003 %
Acidity ..... 0,004 meq/g
Water (H_2O) ..... 0,1 %
Thiophene (C_4H_4S) ..... 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	Sb 0,02
Au 0,05	Hg 0,05	Si 0,2
B 0,02	In 0,05	Sn 0,1
Ba 0,1	K 0,1	Sr 0,2
Be 0,02	Li 0,05	Ti 0,02
Bi 0,05	Mg 0,1	Tl 0,02
Ca 0,5	Mn 0,02	V 0,02
Cd 0,05	Mo 0,02	Zn 0,1
Co 0,02	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131953.1611	1000 ml	6
131953.1612	2,5 l	4
131953.1214	5 l	4
131953.0716	25 l	

Chlorobenzene PRS

C_6H_5Cl

M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H411

1l~1,108kg 1kg~0,903l

SPECIFICATIONS:
Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,106-1,110
Non-volatile matter ..... 0,005 %
Benzene (G.C.) ..... 0,05 %
1,2-Dichlorobenzene (G.C.) ..... 0,05 %
1,3-Dichlorobenzene (G.C.) ..... 0,05 %
1,4-Dichlorobenzene (G.C.) ..... 0,05 %
Sulphur compounds (as CS_2) ..... 0,001 %
Acidity ..... 0,01 meq/g
Water (H_2O) ..... 0,2 %
Thiophene (C_4H_4S) ..... 0,001 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141953.1611	1000 ml	6
141953.1612	2,5 l	4
141953.1214	5 l	4
141953.0716	25 l	

Chlorobenzene, 99,5% PS

C_6H_5Cl

M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H411

1l~1,108kg 1kg~0,903l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 1,106-1,110
Non-volatile matter ..... 0,002 %
Acidity (as HCl) ..... 0,01 %
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
161953.1611	1000 ml	6
161953.1214	5 l	4
161953.0716	25 l	

4-Chlorobenzenesulfonyl Chloride, 97% PS

$C_6H_4Cl_2O_2S$

M: 211,07 CAS: 98-60-2 EINECS: 202-685-3 NC: 2904 90 20 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger


H314

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B634.1608	100 g	6
15B634.1610	500 g	6

4-Chlorobenzophenone, 99% PS

$C_{13}H_9ClO$

M: 216,67 CAS: 134-85-0 EINECS: 205-160-7 NC: 2914 39 00
SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 75,5-77°C

Order code	Package	Units/Box st.
15B635.1208	100 g	6
15B635.1210	500 g	6

5-Chloro-2-Benzoxazolone, 98% PS

$C_7H_4ClNO_2$

M: 169,57 CAS: 95-25-0 EINECS: 202-403-9 NC: 2934 99 90
Signal Word: Danger


H331-H311-H301-H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B656.1606	25 g	6
15B656.1608	100 g	6

2-Chlorobenzoyl Chloride, 98% PS

$C_7H_4Cl_2O$

M: 175,02 CAS: 609-65-4 EINECS: 210-194-0 NC: 2916 39 00 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314-H335

1l~1,382kg 1kg~0,724l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B374.1608	100 ml	6
15B374.1610	500 ml	6

3-Chlorobenzoyl Chloride, 98% PS

$C_7H_4Cl_2O$

M: 175,01 CAS: 618-46-2 EINECS: 210-552-6 NC: 2916 39 00 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,367kg 1kg~0,732l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B375.1606	25 ml	6
15B375.1608	100 ml	6

2-Chlorobenzyl Alcohol, 99% PS

C_7H_7ClO

M: 142,59 CAS: 17849-38-6 EINECS: 241-801-7 NC: 2906 29 00
SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C033.1205	10 g	6
15C033.1207	50 g	6

4-Chlorobenzyl Alcohol, 98% PS

C_7H_7ClO

M: 142,58 CAS: 873-76-7 EINECS: 212-852-2 NC: 2906 29 00
SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A146.1606	25 g	6
15A146.1608	100 g	6

2-Chlorobenzylamine, 97% PS

C_7H_8ClN

M: 141,60 CAS: 89-97-4 EINECS: 201-955-8 NC: 2921 49 80 UN: 2735
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,170kg 1kg~0,855l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B392.1606	25 ml	6
15B392.1608	100 ml	6

3-Chlorobenzylamine, 98% PS

C_7H_8ClN

M: 141,60 CAS: 4152-90-3 EINECS: 223-985-0 NC: 2921 49 80 UN: 2735
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,159kg 1kg ~0,863l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B393.1604	5 ml	6
15B393.1606	25 ml	6

4-Chlorobenzylamine, 98% PS

C_7H_8ClN

M: 141,60 CAS: 104-86-9 EINECS: 203-245-3 NC: 2921 49 80 UN: 2735
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,160kg 1kg ~0,862l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B394.1604	5 ml	6
15B394.1606	25 ml	6

1-Chlorobutane (UV-IR-HPLC) PAI

C_4H_9Cl

M: 92,57 CAS: 109-69-3 EINECS: 203-696-6 NC: 2903 19 80 UN: 1127
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,886kg 1kg~1,128l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Density at 20/4 0,885-0,887

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter ..... 0,0002 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,01 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	220 (Cut off)	227	232	250	260-400
A (AU)	1,000	0,222	0,097	0,009	0,004
T (%)	10	60	80	98	99

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 1,0
Eluotropic value ε°(Al_2O_3) 0,26
P' + 0,25 E 2,8
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
364343.1611	1000 ml	6
364343.1612	2,5 l	4

1-Chlorobutane (Reag. USP) PA

C_4H_9Cl

M: 92,57 CAS: 109-69-3 EINECS: 203-696-6 NC: 2903 19 80 UN: 1127
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,886kg 1kg~1,128l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,885-0,887
Boiling range ..... 76-80°C
Refractive index n 20/D 1,4015-1,4035

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter ..... 0,001 %
Sulphur compounds (as S) ..... 0,002 %
Acidity ..... 0,0005 meq/g
Water (H_2O) ..... 0,01 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
124343.1611	1000 ml	6

1-Chlorobutane, 99% PS

C_4H_9Cl

M: 92,57 CAS: 109-69-3 EINECS: 203-696-6 NC: 2903 19 80 UN: 1127
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,886kg 1kg~1,128l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,885-0,887
Non-volatile matter ..... 0,01 %
Acidity (as HCl) ..... 0,002 %

Order code	Package	Units/Box st.
164343.1611	1000 ml	6
164343.1714	5 l	4
164343.0616	25 l	

2-Chlorocinnamic Acid, 99% PS

$C_9H_7ClO_2$

M: 182,61 CAS: 3752-25-8 EINECS: 223-154-2 NC: 2916 39 00
Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C136.1606	25 g	6
15C136.1608	100 g	6

3-Chlorocinnamic Acid, 99% PS

$C_9H_7ClO_2$

M: 182,61 CAS: 1866-38-2 EINECS: 217-478-3 NC: 2916 39 00
Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C141.1604	5 g	6
15C141.1606	25 g	6

4-Chlorocinnamic Acid, 99% PS

$C_9H_7ClO_2$

M: 182,61 CAS: 1615-02-7 EINECS: 216-564-8 NC: 2903 69 90
Signal Word: Warning



H302

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 249,0-250,0°C

Order code	Package	Units/Box st.
15A337.1606	25 g	6
15A337.1608	100 g	6

Chlorocresol

(see 4-Chloro-3-Methylphenol)

4-Chloro-m-Cresol

(see 4-Chloro-3-Methylphenol)

Chlorocyclopentane, 98% PS

C_5H_9Cl

M: 104,58 CAS: 930-28-9 EINECS: 213-212-5 NC: 2903 59 80 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315

1l~1,005kg 1kg~0,995l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,003-1,008
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
15A751.1608	100 ml	6
15A751.1610	500 ml	6

1-Chloro-2,4-Dinitrobenzene PA

$(NO_2)_2C_6H_3Cl$

M: 202,55 CAS: 97-00-7 EINECS: 202-551-4 NC: 2904 90 85 UN: 3441
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H311-H301-H373-H410

CE: 610-003-00-4

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 49-51°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,01 %
Water (H_2O) ..... 0,1 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122442.1608	100 g	6

1-Chloro-2,4-Dinitrobenzene, 98% PS

$(NO_2)_2C_6H_3Cl$

M: 202,55 CAS: 97-00-7 EINECS: 202-551-4 NC: 2904 90 85 UN: 3441
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H311-H301-H373-H410

CE: 610-003-00-4

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 47-50°C
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
162442.1608	100 g	6
162442.1610	500 g	6

4-Chloro-1,3-Dinitrobenzene

(see 1-Chloro-2,4-Dinitrobenzene)

4-Chloro-3,5-Dinitrobenzoic Acid, 99% PS

$C_7H_3ClN_2O_6$

M: 246,56 CAS: 118-97-8 EINECS: 204-290-1 NC: 2916 39 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 159-162°C

Order code	Package	Units/Box st.
15B633.1606	25 g	6
15B633.1608	100 g	6

1-Chloro-2,3-Epoxypropane

(see Epichlorohydrin)

2-Chloroethanol, 99% PS

$ClCH_2CH_2OH$

M: 80,51 CAS: 107-07-3 EINECS: 203-459-7 NC: 2905 59 10 UN: 1135
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/- PAX: P CAO: P
Signal Word: Danger



H330-H310-H300

1l~1,200kg 1kg~0,833l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,197-1,202
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A628.1609	250 ml	6

1-Chloro-4-Ethenylbenzene

(see 4-Chlorostyrene)

3-Chloro-4-Fluoroaniline, 98% PS

C_6H_5ClFN

M: 145,56 CAS: 367-21-5 EINECS: 206-682-8 NC: 2921 42 10
Signal Word: Warning



H302

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B611.1606	25 g	6
15B611.1608	100 g	6

2-Chloro-4-Fluorobenzaldehyde, 97% PS

C_7H_4ClFO

M: 158,55 CAS: 84194-36-5 NC: 2913 00 00
Signal Word: Warning



H319-H335-H315

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C034.1603	1 g	6
15C034.1604	5 g	6

4-Chloro-2-Fluorobenzaldehyde, 99% PS

C_7H_4ClFO

M: 158,55 CAS: 61072-56-8 NC: 2913 00 00
Signal Word: Warning



H319-H335-H315

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C083.1604	5 g	6
15C083.1606	25 g	6

α-Chloro-2-Fluorotoluene

(see 2-Fluorobenzyl Chloride)

α-Chloro-3-Fluorotoluene

(see 3-Fluorobenzyl Chloride)

α-Chloro-4-Fluorotoluene

(see 4-Fluorobenzyl Chloride)

Chloroform

(see Trichloromethane)

6-Chloroguanine

(see 2-Amino-6-Chloropurine)

5-Chloro-2-Hydroxybenzoxazole

(see 5-Chloro-2-Benzoxazolone)

4-Chloro-5-Isopropyl-2-Methylphenol

(see 5-Chlorcarvacrol)

4-Chloro-2-Methyl-5-(1-Methylethyl) Phenol

(see 5-Chlorcarvacrol)

4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX

C_7H_7ClO

M: 142,58 CAS: 59-50-7 EINECS: 200-431-6 NC: 2907 19 90 UN: 3437
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H312-H302-H318-H317-H400

SPECIFICATIONS:

Assay ..... 99,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 64-66°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in CH_3CH_2OH ..... p/t.
Non-volatile matter ..... 0,1 %
Acidity ..... p/t.
Total of impurities 1%
Residual solvents (Ph. Eur./ USP) ..... p/t.

Order code	Package	Units/Box st.
145226.1211	1000 g	6

4-Chloro-3-Methylphenol, 99% PS

C_7H_7ClO

M: 142,58 CAS: 59-50-7 EINECS: 200-431-6 NC: 2907 19 90 UN: 3437
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H312-H302-H318-H317-H400

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 64-66°C

Order code	Package	Units/Box st.
165226.1209	250 g	6
165226.1211	1000 g	6

1-Chloronaphthalene, 93% PS

$C_{10}H_7Cl$

M: 162,62 CAS: 90-13-1 EINECS: 201-967-3 NC: 2903 69 90
Signal Word: Warning



H302

1l~1,194kg 1kg~0,837l

SPECIFICATIONS:

Minimum assay ..... 93 %

Order code	Package	Units/Box st.
15A059.1609	250 ml	6
15A059.1611	1000 ml	6

2-Chlorophenol PA

ClC_6H_4OH

M: 128,56 CAS: 95-57-8 EINECS: 202-433-2 NC: 2908 19 00 UN: 2021
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H332-H312-H302-H411

1l~1,261kg 1kg~0,793l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 1,258-1,262
Freezing range ..... 8-9°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,01 %
3-Chlorophenol (G.C.) ..... 0,1 %
4-Chlorophenol (G.C.) ..... 0,1 %
Chloride (Cl) ..... 0,001 %
Water (H_2O) ..... 0,05 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
122445.1611	1000 ml	6

2-Chlorophenol, 99% PS

ClC_6H_4OH

M: 128,56 CAS: 95-57-8 EINECS: 202-433-2 NC: 2908 19 00 UN: 2021
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H332-H312-H302-H411

1l~1,261kg 1kg~0,793l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,258-1,262
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
162445.1610	500 ml	6
162445.1611	1000 ml	6

3-Chlorophenol, 98% PS

C_6H_5ClO

M: 128,56 CAS: 108-43-0 EINECS: 203-582-6 NC: 2908 19 00 UN: 2020
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332-H312-H302-H411

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B278.1608	100 g	6

Chlorophenol Red PA

pH indicator 4,6 yellow; 7,0 purple
$C_{19}H_{12}Cl_2O_5S$

M: 423,27 CAS: 4430-20-0 EINECS: 224-619-2 NC: 2932 29 85

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 572-575 nm
A 1%, 1cm, λmax ..... >1250
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
yellow 4,6
purple 7,0
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 135°C ..... 8 %
Residue on ignition (as SO_4) ..... 0,5 %

Order code	Package	Units/Box st.
121609.1604	5 g	6

4-Chlorophenylhydrazinium Chloride, 98% PS

$C_6H_7ClN_2.HCl$

M: 179,05 CAS: 1073-70-7 EINECS: 214-030-9 NC: 2928 00 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Minimum asssay ..... 98 %

Order code	Package	Units/Box st.
15A347.1604	5 g	6
15A347.1606	25 g	6

Chloroplatinic Acid

(see Hexachloroplatinic(IV) Acid)

N-(2-Chloropropyl)-N,N-Dimethylammonium Chloride

(see 2-(Dimethylamino) Isopropyl Chloride Hydrochloride)

4-Chlorostyrene, 98% PS

C_8H_7Cl

M: 138,60 CAS: 1073-67-2 EINECS: 214-028-8 NC: 2903 69 90

1l~1,089kg 1kg~0,918l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B996.1605	10 ml	6
15B996.1607	50 ml	6

Chlorosulphonic Acid, 98% PS

$HClO_3S$

M: 116,52 CAS: 7790-94-5 EINECS: 232-234-6 NC: 2806 20 00 UN: 1754
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
Signal Word: Danger



EUH014-H314-H335

1l~1,75kg 1kg~0,57l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 98 %
Density at 20/4 1,749-1,753

Order code	Package	Units/Box st.
15A676.1609	250 ml	6
15A676.1611	1000 ml	6

α-Chlorotoluene

(see Benzyl Chloride)

N-Chlorotoluene-4-Sulphonamide Sodium Salt

(see Chloramine T 3-hydrate)

Chlorotriisopropylsilane, 97% PS

$C_9H_{21}ClSi$

M: 192,80 CAS: 13154-24-0 NC: 2931 00 95 UN: 2987
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~0,9kg 1kg~1,1l

SPECIFICATIONS:

Minimum assay ..... 97 %

Order code	Package	Units/Box st.
15A106.1604	5 ml	6
15A106.1606	25 ml	6

Chlorotrimethylsilane CG

for derivatization (GC)
$(CH_3)_3SiCl$

M: 108,64 CAS: 75-77-4 EINECS: 200-900-5 NC: 2931 00 95 UN: 1298
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 304
Signal Word: Danger



H225-EUH014-H314-H335

1l~0,860kg 1kg~1,163l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
352776.0207	50 ml	6

Chlorotrimethylsilane, 98% PS

$(CH_3)_3SiCl$

M: 108,64 CAS: 75-77-4 EINECS: 200-900-5 NC: 2931 00 95 UN: 1298
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 304
Signal Word: Danger



H225-EUH014-H314-H335

1l~0,860kg 1kg~1,163l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,855-0,861

Order code	Package	Units/Box st.
162776.1608	100 ml	6
162776.1610	500 ml	6

Chlorzoxazone

(see 5-Chloro-2-Benzoxazolone)

Cholesterin

(see Cholesterol)

Cholic Acid Sodium Salt, 98% PS

$C_{24}H_{39}NaO_5$

M: 430,56 CAS: 361-09-1 EINECS: 206-643-5 NC: 2918 19 30
SPECIFICATIONS:

Assay (a.d.s.)	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C073.1204	5 g	6
15C073.1206	25 g	6

CHROMATE SOLUTION

(see Standards for Ionic Chromatography)

Chrome Alum

(see Chromium(III) Potassium Sulphate 12-hydrate)

Chromic

(see Chromium(III) compounds)

Chromic Acid

(see Chromium(VI) Oxide)

Chromic Anhydride

(see Chromium(VI) Oxide)

Chromic Mixture

(see DERQUIM MC Chromic Mixture)

Chromic Mixture, Substitute of

[see DERQUIM OXY (Substitute of Chromic Mixture)]

CHROMIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Chromium(III) Chloride 6-hydrate PRS

$CrCl_3.6H_2O$

M: 266,45 CAS: 10060-12-5 EINECS: 233-038-3 NC: 2827 39 85
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.)	95,0 %
pH of 5% solution	2,0-3,5
Non-precipitated substances by NH_4OH (as SO_4)	0,2 %
Sulphate (SO_4)	0,02 %
Ammonium (NH_4)	0,01 %
Fe	0,01 %
Pb	0,005 %

Order code	Package	Units/Box st.
142014.1609	250 g	6
142014.1611	1000 g	6
142014.0416	25 kg	

Chromium(III) Nitrate 9-hydrate PA

$Cr(NO_3)_3.9H_2O$

M: 400,15 CAS: 7789-02-8 EINECS: 236-921-1 NC: 2834 29 80 UN: 2720
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay (Iodom.)	98,0 %
pH of 5% solution	2,0-3,0

MAXIMUM LIMIT OF IMPURITIES

Non precipi.substances by NH_4OH (as SO_4)	0,2 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,001 %
Ca	0,005 %
Cd	0,001 %
Co	0,001 %
Cu	0,001 %
Fe	0,02 %
Mg	0,005 %
Mn	0,001 %
Na	0,01 %
Ni	0,005 %
Pb	0,002 %
Sr	0,005 %
Zn	0,001 %

Order code	Package	Units/Box st.
121275.1210	500 g	6
121275.1211	1000 g	6
121275.1214	5 kg	4
121275.0416	25 kg	

Chromium(III) Nitrate 9-hydrate PRS

$Cr(NO_3)_3.9H_2O$

M: 400,15 CAS: 7789-02-8 EINECS: 236-921-1 NC: 2834 29 80 UN: 2720
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.)	97 %
pH of 5% solution	2,0-3,0
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Ammonium (NH_4)	0,01 %
Fe	0,05 %

Order code	Package	Units/Box st.
141275.1210	500 g	6
141275.1211	1000 g	6
141275.1214	5 kg	4
141275.0416	25 kg	

Chromium(VI) Oxide (Reag. Ph. Eur.) PA

CrO_3

M: 99,99 CAS: 1333-82-0 EINECS: 215-607-8 NC: 2819 10 00 UN: 1463
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350-H340-H271-H311-H301-H330-H314-H334-H317-H372-H361f-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	98,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Precipitated substances by NH_4OH	0,05 %
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,05 %
Al	0,005 %
Ba	0,005 %
Ca	0,005 %
Cd	0,005 %
Cu	0,005 %
Fe	0,01 %
K	0,005 %
Na	0,2 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
121153.1610	500 g	6
121153.1611	1000 g	6

Chromium(VI) Oxide QP

CrO_3

M: 99,99 CAS: 1333-82-0 EINECS: 215-607-8 NC: 2819 10 00 UN: 1463
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350-H340-H271-H311-H301-H330-H314-H334-H317-H372-H361f-H410

SPECIFICATIONS:

Assay (Iodom.)	99 %
Insoluble matter in H_2O	0,1 %
Chloride (Cl)	0,05 %
Ca	0,02 %
Fe	0,05 %

Order code	Package	Units/Box st.
211153.1610	500 g	6
211153.1611	1000 g	6

Chromium(III) Potassium Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS

$KCr(SO_4)_2.12H_2O$

M: 499,41 CAS: 7788-99-0 EINECS: 233-401-6 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.)	98,0-102,0%
pH of 5% solution	2,8-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,002 %
Ammonium (NH_4)	0,01 %
Heavy metals (as Pb)	0,01 %
Al	0,005 %
Ca	0,005 %
Cd	0,005 %
Co	0,005 %
Cu	0,001 %
Fe	0,01 %
Na	0,05 %
Ni	0,005 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131284.1210	500 g	6
131284.1211	1000 g	6
131284.1214	5 kg	4
131284.0416	25 kg	

Chromium(III) Potassium Sulphate 12-hydrate PRS

$KCr(SO_4)_2.12H_2O$

M: 499,41 CAS: 7788-99-0 EINECS: 233-401-6 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.)	98 %
Appearance	p/t
pH of 5% solution	>2,5
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,1 %
Ammonium (NH_4)	0,03 %
Al	0,02 %
Cu	0,005 %
Fe	0,02 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
141284.1210	500 g	6
141284.1211	1000 g	6
141284.1214	5 kg	4

Chromium(III) Sulphate x-hydrate PRS

$Cr_2(SO_4)_3.xH_2O$

M: 392,18(anh) CAS: 15244-38-9 NC: 2833 29 20 UN: 3260
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H332-H312-H302

SPECIFICATIONS:

Assay [as $Cr_2(SO_4)_3$](Iodom.)	75 %
pH of 5% solution	1-2
Chloride (Cl)	0,05 %
Ammonium (NH_4)	0,01 %
Fe	0,1 %

141926.1210	500 g	6
141926.1211	1000 g	6

Chromium Trioxide

(see Chromium(VI) Oxide)

Chromotropic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS

aldehyde reagent
$C_{10}H_6Na_2O_8S_2.2H_2O$

M: 400,29 CAS: 5808-22-0 EINECS: 204-972-9 NC: 2908 19 00

SPECIFICATIONS:

Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	p/t.
Sensitivity to HCHO	p/t.
Sensitivity to nitrates	p/t.

Order code	Package	Units/Box st.
131024.1606	25 g	6

C.I. Basic Blue 9

(see Methylene Blue)

C.I. Basic Blue 12

(see Nile Blue A Chloride)

Cinchonine (Reag. USP, Ph. Eur.) PA

Bi reagent
$C_{19}H_{22}N_2O$

M: 294,40 CAS: 118-10-5 EINECS: 204-234-6 NC: 2939 20 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
Identity	IR p/t.
Specific rotation $[\alpha]^{25}/D$ c=0,5 (in CH_3CH_2OH)	+219 to +229°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4	p/t.
Loss on drying at 105°C	1,0 %
Residue on ignition (as SO_4)	0,1 %
Cinchonidine and quinine	p/t.
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,05 %

Order code	Package	Units/Box st.
121251.1605	10 g	6

Cineole

(see Eucalyptol)

Cinnamaldehyde, 98% PS

C_9H_8O

M: 132,16 CAS: 104-55-2 EINECS: 203-213-9 NC: 2912 29 00
Signal Word: Warning



H312-H315-H317

1l~1,045kg 1kg~0,957l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	1,040-1,050

Order code	Package	Units/Box st.
15A749.1609	250 ml	6
15A749.1611	1000 ml	6

Cinnamic Aldehyde

(see Cinnamaldehyde)

Citrazinic Acid, 97% PS

$C_6H_5NO_4$

M: 155,11 CAS: 99-11-6 EINECS: 202-731-2 NC: 2933 39 99
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay	97 %

Order code	Package	Units/Box st.
15A029.1608	100 g	6

Citric Acid anhydrous PA-ACS

$C_6H_8O_7$

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.)	99,5 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,02 %
Darkened substances by H_2SO_4	p/t.
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Oxalate (C_2O_4)	0,05 %
Sulphur compounds (as SO_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,00001 %
Ca	0,0025 %
Cu	0,00005 %
Fe	0,0003 %
Mg	0,0005 %
Ni	0,0002 %
Pb	0,0002 %

Order code	Package	Units/Box st.
131808.1210	500 g P	6
131808.1211	1000 g P	6
131808.1214	5 kg P	4
131808.0416	25 kg PP	

Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

$C_6H_8O_7$

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	99,5-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Colour of solution	p/t.
Insoluble matter in H_2O	0,01 %
Residue on ignition (as SO_4)	0,05 %
Residual solvents (Ph.Eur./USP)	p/t
Darkened substances by H_2SO_4	p/t.
Chloride (Cl)	0,005 %
Oxalate (C_2O_4)	0,035 %
Sulphate (SO_4)	0,01 %
Water (H_2O)	0,5 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ba	p/t.
Ca	0,02 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141808.1210	500 g P	6
141808.1211	1000 g P	6
141808.1214	5 kg P	4
141808.0416	25 kg PP	

Citric Acid anhydrous (E-330, F.C.C.) ADITIO

$C_6H_8O_7$

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as $C_6H_8O_7$) calc. a.a.s.	99,5-100,5%
Appearance	p/t
Identity:	
Citrate	p/t.
Oxalate (as $H_2C_2O_4$), not more than	100 ppm
Easily carbonizable substances	p/t.
Residue on ignition, not more than	0,05 %
Tridodecylamine, not more than	0,1 ppm
ABS (Easily carbon. subst.) λ470 nm, not more than	0,52
ABS (Polynuc.Hydroc.) λ280-289 nm, not more than	0,25
ABS (Polynuc.Hydroc.) λ290-299 nm, not more than	0,20
ABS (Polynuc.Hydroc.) λ300-359 nm, not more than	0,13
ABS (Polynuc.Hydroc.)λ360-400 nm, not more than	0,03
Water, not more than	0,5 %
Lead, not more than	0,5 ppm
Heavy metals (as Pb), not more than	5 ppm
Arsenic (as As), not more than	1 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC , F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201808.1214	5 kg P	4
201808.0416	25 kg PP	

Citric Acid anhydrous, 99% PS

$C_6H_8O_7$

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151808.1208	100 g P	6
151808.1211	1000 g P	6

Citric Acid 1-hydrate PA-ACS-ISO

$C_6H_8O_7.H_2O$

M: 210,14 CAS: 5949-29-1 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.)	99,5-102,0%
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,02 %
Darkened substances by H_2SO_4	p/t.
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,001 %
Oxalate (C_2O_4)	0,05 %
Sulphur compounds (as SO_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,00001 %

Metals by ICP [mg/Kg (ppm)]

Al 2	Ge 2	Si 10
Au 2	In 2	Sn 5
B 2	K 50	Sr 2
Ba 2	Mg 5	Ti 2
Be 2	Mn 2	Tl 2
Ca 20	Mo 2	V 2
Cd 2	Na 50	Zn 2
Co 2	Ni 2	Zr 2
Cr 2	Pb 2	
Cu 0,5	Pt 2	
Fe 3	Sb 2	

Order code	Package	Units/Box st.
131018.1210	500 g P	6
131018.1211	1000 g P	6
131018.1214	5 kg P	4
131018.0416	25 kg PP	

Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

$C_6H_8O_7.H_2O$

M: 210,14 CAS: 5949-29-1 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. applied anh. subs.	99,5-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Colour of solution	p/t.
Insoluble matter in H_2O	0,01 %
Residue on ignition (as SO_4)	0,05 %
Residual solvents (Ph.Eur./USP)	p/t.
Darkened substances by H_2SO_4	p/t.
Chloride (Cl)	0,005 %
Oxalate (C_2O_4)	0,035 %
Sulphate (SO_4)	0,01 %
Water (H_2O)	7,5-8,8 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ba	p/t.
Ca	0,02 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141018.1210	500 g P	6
141018.1211	1000 g P	6
141018.1214	5 kg P	4
141018.0416	25 kg PP	

Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO

$C_6H_8O_7.H_2O$

M: 210,14 CAS: 5949-29-1 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as $C_6H_8O_7$) calc. on the anh. basis	99,5-100,5%
Oxalate (as Oxalic Ac.) a.d.s	0,01 %
Easily carbonizable substances	p/t.
Residue on ignition, not more than	0,05 %
Tridodecylamine, not more than	0,1 ppm
ABS (Easily carbon. subst.) λ470 nm, not more than	0,52
ABS (Polynuc.Hydroc.) λ280-289 nm, not more than	0,25
ABS (Polynuc.Hydroc.) λ290-299 nm, not more than	0,20
ABS (Polynuc.Hydroc.) λ300-359 nm, not more than	0,13
ABS (Polynuc.Hydroc.) λ360-400 nm, not more than	0,03
Water, not more than	8,8 %
Lead, not more than	0,5 ppm
Heavy metals (as Pb), not more than	5 ppm
Arsenic (as As), not more than	1 ppm
Mercury (as Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC , F.C.C. 6

Order code	Package	Units/Box st.
201018.1214	5 kg P	4
201018.0416	25 kg PP	

Citric Acid Tripotassium Salt

(see tri-Potassium Citrate 1-hydrate)

Citrosol (Substitute of Xylene) DC

solvent for histology

$C_{10}H_{16}$

M: 136,24 CAS: 5989-27-5 EINECS: 227-813-5 NC: 2902 19 10 UN: 2052

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H315-H317-H410

1l~0,842kg 1kg~1,188l

SPECIFICATIONS:

Identity	IR p/t.
Density at 20/4	0,841-0,843
Specific rotation $[\alpha]^{20}/D$ (without dil.)	+113 to +120°

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
253139.1611	1000 ml	6
253139.1612	2,5 l	4
253139.1214	5 l P	4

Clayton Yellow

(see Titan Yellow)

CMC

(see Carboxymethylcellulose)

COBALT SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Cobalt(II) Acetate 4-hydrate (Reag. USP) PA-ACS

$Co(CH_3COO)_2.4H_2O$

M: 249,08 CAS: 6147-53-1 EINECS: 200-755-8 NC: 2915 29 00

Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Non-precipitated substances by H_2S (in SO_4)	0,3 %
Chloride (Cl)	0,002 %
Nitrate (NO_3)	0,01 %
Sulphate (SO_4)	0,005 %
Ca	0,005 %
Cu	0,002 %
Fe	0,001 %
K	0,01 %
Mg	0,005 %
Mn	0,01 %
Na	0,05 %
Ni	0,1 %
Pb	0,001 %
Zn	0,01 %

Order code	Package	Units/Box st.
131255.1209	250 g P	6
131255.0914	5 kg PP	

Cobalt(II) Acetate 4-hydrate PRS

$Co(CH_3COO)_2.4H_2O$

M: 249,08 CAS: 6147-53-1 EINECS: 200-755-8 NC: 2915 29 00

Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,1 %
Cu	0,05 %
Fe	0,005 %
Pb	0,01 %

Order code	Package	Units/Box st.
141255.1209	250 g P	6
141255.0914	5 kg PP	

Cobalt(II) Carbonate Basic

(see Cobalt(II) Hydroxide Carbonate ~50% Co)

Cobalt(II) Chloride anhydrous, 99% PS

$CoCl_2$

M: 129,84 CAS: 7646-79-9 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.)	99 %
Loss on drying at 150°C	1 %

Order code	Package	Units/Box st.
163648.1608	100 g	6
163648.1610	500 g	6

Cobalt(II) Chloride anhydrous QP

$CoCl_2$

M: 129,84 CAS: 7646-79-9 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)	97,0 %
Fe	0,05 %
Ni	0,2 %
Pb	0,01 %

Order code	Package	Units/Box st.
213648.1608	100 g	6

Cobalt(II) Chloride 6-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$CoCl_2.6H_2O$

M: 237,93 CAS: 7791-13-1 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)	99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Non-precipitated substances by $(NH_4)_2S$	0,25 %
Nitrate (NO_3)	0,01 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,005 %
K	0,01 %
Mg	0,005 %
Mn	0,01 %
Na	0,05 %
Ni	0,05 %
Pb	0,003 %
Zn	0,002 %

Order code	Package	Units/Box st.
131257.1209	250 g	6
131257.1211	1000 g	6
131257.1214	5 kg	4

Cobalt(II) Chloride 6-hydrate PRS

$CoCl_2.6H_2O$

M: 237,93 CAS: 7791-13-1 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,01 %
Sulphate (SO_4)	0,05 %
Cu	0,005 %
Fe	0,05 %
Pb	0,005 %
Zn	0,1 %

Order code	Package	Units/Box st.
141257.1209	250 g	6
141257.1211	1000 g	6
141257.1214	5 kg	4
141257.0416	25 kg	

Cobalt(II) Hydroxide Carbonate ~50% Co PRS

$2CoCO_3.3Co(OH)_2.xH_2O$

M: 516,65(anh) CAS: 12602-23-2 EINECS: 235-714-3 NC: 2836 99 17
Signal Word: Warning



H317

SPECIFICATIONS:

Assay (as Co)(Compl.)	50 %
Insoluble matter in HCl	0,05 %
Sulphate (SO_4)	0,1 %
Cu	0,005 %
Fe	0,02 %
Ni	0,02 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
141256.1209	250 g	6

Cobalt(II) Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS

$Co(NO_3)_2.6H_2O$

M: 291,03 CAS: 10026-22-9 EINECS: 233-402-1 NC: 2834 29 20 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,002 %
Ammonium (NH_4)	0,05 %
Sulphate (SO_4)	0,005 %
Ca	0,005 %
Cu	0,002 %
Fe	0,001 %
K	0,01 %
Mg	0,005 %
Mn	0,01 %
Na	0,05 %
Ni	0,15 %
Pb	0,002 %
Zn	0,01 %

Order code	Package	Units/Box st.
131258.1209	250 g	6

Cobalt(II) Nitrate 6-hydrate PRS

$Co(NO_3)_2.6H_2O$

M: 291,03 CAS: 10026-22-9 EINECS: 233-402-1 NC: 2834 29 20 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98-102 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,02 %
Cu	0,005 %
Fe	0,005 %
Pb	0,005 %
Zn	0,1 %

Order code	Package	Units/Box st.
141258.1209	250 g	6
141258.1211	1000 g	6
141258.0914	5 kg	
141258.0416	25 kg	

Cobalt(II,III) Oxide PRS

Co_3O_4

M: 240,80 CAS: 1308-06-1 EINECS: 215-157-2 NC: 2822 00 00
Signal Word: Warning



H317

SPECIFICATIONS:

Assay (as Co)(Compl.)	70 %
Cu	0,01 %
Fe	0,1 %
Pb	0,01 %
Zn	0,02 %

Order code	Package	Units/Box st.
142557.1209	250 g	6
142557.1214	5 kg	4

Cobalt(III) Sodium Nitrite

(see Sodium Hexanitrocobaltate(III))

Cobalt(II) Sulphate 7-hydrate PA

$CoSO_4.7H_2O$

M: 281,10 CAS: 10026-24-1 EINECS: 233-334-2 NC: 2833 29 30 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:
Minimum assay (Compl.) ..... 99,0 %
pH of 5% solution ..... ≥3,0

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,001 %
Ca ..... 0,005 %
Cu ..... 0,001 %
Fe ..... 0,002 %
K ..... 0,002 %
Mg ..... 0,005 %
Mn ..... 0,0025 %
Na ..... 0,01 %
Ni ..... 0,025 %
Pb ..... 0,001 %
Zn ..... 0,005 %

Order code	Package	Units/Box st.
121259.1209	250 g	6
121259.1214	5 kg	4

Cobalt(II) Sulphate 7-hydrate PRS

$CoSO_4.7H_2O$

M: 281,10 CAS: 10026-24-1 EINECS: 233-334-2 NC: 2833 29 30 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:
Assay (Compl.) ..... 98 %
pH of 5% solution ..... ≥3,0
Nitrogen compounds (as N) ..... 0,01 %
Chloride (Cl) ..... 0,005 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Pb ..... 0,005 %
Zn ..... 0,01 %

Order code	Package	Units/Box st.
141259.1209	250 g	6
141259.1211	1000 g	6
141259.1214	5 kg	4
141259.0416	25 kg	

Cobaltous

(see Cobalt(II) compounds)

Cochineal (C.I. 75470) PA

$C_{22}H_{20}O_{13}$

M: 492,40 CAS: 1260-17-9 EINECS: 215-023-3 NC: 3203 00 90
SPECIFICATIONS:
Minimum assay (Spectrophotometric) (as carminic acid) ..... 10,0 %
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
121272.1605	10 g	6

COD STANDARDS

(see Standards for COD)

Collodion flexible QP

NC: 3912 20 11 UN: 2059
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,783kg 1kg~1,277l
SPECIFICATIONS:
Density at 25/4 0,775-0,790

Order code	Package	Units/Box st.
211279.1609	250 ml	6
211279.1611	1000 ml	6
211279.0314	5 l	4
211279.0616	25 l	

Collodion solution 4-8% QP

NC: 3912 20 11 UN: 2059
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,770kg 1kg~1,299l
SPECIFICATIONS:
Density at 25/4 0,765-0,775

Order code	Package	Units/Box st.
211278.1611	1000 ml	6
211278.0314	5 l	4
211278.0616	25 l	

Collodion solution 4% w/v (USP) PRS-CODEX

NC: 3912 20 11 UN: 2059
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,770kg 1kg~1,299l
SPECIFICATIONS:
Minimum assay (w/w) ..... 5,0 %
Identity according to Pharmacopoeias ..... p/t.
Density at 25/25 0,765-0,775

MAXIMUM LIMIT OF IMPURITIES
Ethanol (G.C.) (v/v) ..... 22,0-26,0 %
Acidity ..... p/t.

Order code	Package	Units/Box st.
141278.1609	250 ml	6
141278.1611	1000 ml	6
141278.0314	5 l	4
141278.0616	25 l	

Colophony (BP, Ph. Eur.) PRS-CODEX

CAS: 8050-09-7 EINECS: 232-475-7 NC: 3806 10 10
Signal Word: Warning



H317

SPECIFICATIONS:
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Residue on ignition ..... 0,2 %
Acidity value 150-180
Foreign substances ..... 2 %
Residual solvents (Ph.Eur./USP) ..... p/t

Order code	Package	Units/Box st.
142083.1211	1000 g	6
142083.0914	5 kg	

Colour: colour determination according to Ph. Eur.

(see: Hydrochloric Acid 10 g/l. Yellow Primary Solution. Blue Primary Solution. Red Primary Solution)

COLOUR DETERMINATION STANDARD

(see Standard for Colour Determination)

Complexon-Magnesium 0,1 mol/l RV

for complexometry

NC: 3822 00 00

1l~1,032kg 1kg~0,969l
Composition:
Magnesium Sulphate 7-hydrate ..... 2,47 g
Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate ..... 3,73 g
Sodium Hydroxide pellets ..... 0,76 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281280.1209	250 ml	6
281280.1211	1000 ml	6

Concentrated solution for the sand equivalent determination RE

according to NF EN 933-8:1999 and UNE-EN 933-8:2000

NC: 3822 00 00

1l~1,192kg 1kg~0,839l
Composition:
Calcium Chloride anhydrous ..... 110-112 g
Glycerol ..... 475-485 g
Formaldehyde 35-40% w/v ..... 12-13 g
Water s.q.m. ..... 1000 ml

Order code	Package	Units/Box st.
173655.1243	125 ml	6

Conductivity

(see Standards for Conductivity)

Congo Red (C.I. 22120) PA

pH indicator 3,0 blue violet; 5,2 red orange

$C_{32}H_{22}N_6Na_2O_6S_2$

M: 696,66 CAS: 573-58-0 EINECS: 209-358-4 NC: 3204 14 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H361d

SPECIFICATIONS:

Identity.....IR p/t
λ_1 of max. ABS at pH 3,0.....563-568 nm
λ_2 of max. ABS at pH 5,2.....484-490 nm
A 1%, 1cm, λ_1 max. (calc. a.d.s.).....>150
A 1%, 1cm, λ_2 max. (calc. a.d.s.).....>200
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
blue violet.....3,0
red orange.....5,2
Loss on drying at 110°C.....5 %

Order code	Package	Units/Box st.
121611.1605	10 g	6
121611.1606	25 g	6
121611.1607	50 g	6

Congo Red (C.I. 22120) DC

for microscopy, bacteriology

$C_{32}H_{22}N_6Na_2O_6S_2$

M: 696,66 CAS: 573-58-0 EINECS: 209-358-4 NC: 3204 14 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H361d

SPECIFICATIONS:

Identity.....IR p/t.
λ of max. ABS in H_2O.....497-500 nm
A 1%, 1cm; λmax. (calc. a.d.s.).....>520
Ratio λmax. P ± 15 nm.....0,99-1,04
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....5 %

Order code	Package	Units/Box st.
251611.1605	10 g	6
251611.1606	25 g	6

Coomassie Brilliant Blue G 250 (C.I. 42655) DC

$C_{47}H_{48}N_3NaO_7S_2$

M: 854,04 CAS: 6104-58-1 EINECS: 228-058-4 NC: 3204 12 00

SPECIFICATIONS:

Identity.....IR p/t.
λ of the max. ABS at pH 7.....578-585 nm
A 1%; 1 cm; λ max. (calc. a.d.s.).....>420
Ratio λ max., P ± 15 nm.....0,95-1,0
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
254933.1606	25 g	6
254933.1608	100 g	6

Coomassie Brilliant Blue R 250 (C.I. 42660) DC

$C_{45}H_{44}N_3NaO_7S_2$

M: 825,99 CAS: 6104-59-2 EINECS: 228-060-5 NC: 3204 12 00

SPECIFICATIONS:

Identity.....IR p/t.
λ of max. ABS at pH 7.....554-570 nm
A 1%, 1 cm, λmax.....>350
Ratio λmax. P ± 15 nm.....0,95-1,00
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
254932.1606	25 g	6

Copper metal, powder PRS

Cu

M: 63,54 CAS: 7440-50-8 EINECS: 231-159-6 NC: 7406 10 00

SPECIFICATIONS:

Insoluble matter in HNO_3.....0,05 %
As.....0,001 %
Fe.....0,01 %
Mn.....0,001 %
Ni.....0,005 %
Sb.....0,05 %
Sn.....0,05 %

Order code	Package	Units/Box st.
141266.1610	500 g	6
141266.1611	1000 g	6
141266.1214	5 kg	4

Copper, 99% metal, turnings PS

Cu

M: 63,54 CAS: 7440-50-8 EINECS: 231-159-6 NC: 7406 20 00

SPECIFICATIONS:

Minimum assay.....99 %

Order code	Package	Units/Box st.
15A754.1209	250 g	6

COPPER SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Copper(II) Acetate 1-hydrate (Reag. Ph. Eur.) PA-ACS

$Cu(CH_3COO)_2.H_2O$

M: 199,65 CAS: 6046-93-1 EINECS: 205-553-3 NC: 2915 29 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.).....99,0-102,0%
pH of 5% solution.....5,0-5,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O.....0,01 %
Chloride (Cl).....0,003 %
Sulphate (SO_4).....0,005 %
Ca.....0,005 %
Fe.....0,002 %
K.....0,01 %
Mg.....0,002 %
Na.....0,01 %
Ni.....0,01 %
Pb.....0,005 %

Order code	Package	Units/Box st.
131261.1210	500 g	6
131261.1211	1000 g	6
131261.1214	5 kg	4
131261.0416	25 kg	

Copper(II) Acetate 1-hydrate PRS

$Cu(CH_3COO)_2.H_2O$

M: 199,65 CAS: 6046-93-1 EINECS: 205-553-3 NC: 2915 29 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.).....98 %
pH of 5% solution.....5,0-6,0
Insoluble matter in H_2O.....0,02 %
Chloride (Cl).....0,01 %
Sulphate (SO_4).....0,01 %
Fe.....0,005 %
Ni.....0,02 %
Pb.....0,01 %

Order code	Package	Units/Box st.
141261.1210	500 g	6
141261.1211	1000 g	6
141261.0416	25 kg	

Copper(II) and Ammonium Chloride

(see Ammonium Copper(II) Chloride 2-hydrate)

Copper(I) Bromide PRS

CuBr

M: 143,45 CAS: 7787-70-4 EINECS: 232-131-6 NC: 2827 59 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Redox.)	98 %
Insoluble matter in HCl	0,02 %
Non-precipitated substances by H_2S (as SO_4)	0,3 %
Sulphate (SO_4)	0,2 %
As	0,0001 %
Ca	0,01 %
Fe	0,005 %
K	0,01 %
Na	0,05 %

Order code	Package	Units/Box st.
144329.1208	100 g	6
144329.1210	500 g	6

Copper(II) Bromide PRS

$CuBr_2$

M: 223,36 CAS: 7789-45-9 EINECS: 232-167-2 NC: 2827 59 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Iodom.)	98 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,5 %
Sulphate (SO_4)	0,2 %

Order code	Package	Units/Box st.
142005.1210	500 g	6
142005.1214	5 kg	4

Copper(II) Bromide, 99% PS

$CuBr_2$

M: 223,36 CAS: 7789-45-9 EINECS: 232-167-2 NC: 2827 59 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Assay	99 %

Order code	Package	Units/Box st.
152005.1208	100 g	6
152005.1210	500 g	6

Copper(II) Carbonate Basic

(see Copper(II) Hydroxide Carbonate)

Copper(I) Chloride PA-ACS

CuCl

M: 99,00 CAS: 7758-89-6 EINECS: 231-842-9 NC: 2827 39 85 UN: 2802

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H302-H410

SPECIFICATIONS:

Minimum assay (Redox.)	95 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in acid	0,02 %
Sulphate (SO_4)	0,1 %
As	0,001 %
Ca	0,01 %
Fe	0,005 %
K	0,005 %
Na	0,05 %

Order code	Package	Units/Box st.
131265.1210	500 g	6
131265.1211	1000 g	6
131265.0914	5 kg	
131265.0416	25 kg	

Copper(I) Chloride, 95% PS

CuCl

M: 99,00 CAS: 7758-89-6 EINECS: 231-842-9 NC: 2827 39 85 UN: 2802

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H302-H410

SPECIFICATIONS:

Minimum assay (Redox.)	95 %

Order code	Package	Units/Box st.
161265.1211	1000 g	6

Copper(II) Chloride 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS

$CuCl_2.2H_2O$

M: 170,48 CAS: 10125-13-0 EINECS: 231-210-2 NC: 2827 39 85 UN: 2802

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
pH of 5% solution	≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Non precipitated substances by H_2S	0,1 %
Nitrate (NO_3)	0,015 %
Sulphate (SO_4)	0,005 %
As	0,0005 %
Ba	0,005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,005 %
Fe	0,005 %
K	0,01 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,01 %
Ni	0,005 %
Zn	0,001 %

Order code	Package	Units/Box st.
131264.1210	500 g	6
131264.1211	1000 g	6
131264.1214	5 kg	4
131264.0416	25 kg	

Copper(II) Chloride 2-hydrate (USP) PRS-CODEX

$CuCl_2.2H_2O$

M: 170,48 CAS: 10125-13-0 EINECS: 231-210-2 NC: 2827 39 85 UN: 2802

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.) calc. a.a.s.	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,01 %
Loss on drying at 105°C	20,9-21,4 %
Residual solvents (Ph.Eur./USP)	p/t.
Sulphate (SO_4)	0,005 %
As	0,0005 %
Ca	0,005 %
Fe	0,005 %
K	0,01 %
Na	0,02 %
Ni	0,01 %
Pb	0,03 %

Order code	Package	Units/Box st.
141264.1210	500 g	6
141264.1211	1000 g	6
141264.1214	5 kg	4
141264.0416	25 kg	

Copper(I) Cyanide PRS

CuCN

M: 89,56 CAS: 544-92-3 EINECS: 208-883-6 NC: 2837 19 00 UN: 1587

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in NaCN	p/t.
Chloride (Cl)	0,2 %
Sulphate (SO_4)	0,1 %
Water (H_2O)	0,5 %
Fe	0,005 %

Order code	Package	Units/Box st.
141263.1209	250 g	6
141263.1211	1000 g	6
141263.1214	5 kg	4
141263.0716	25 kg	

Copper(I) Cyanide, 98% PS

CuCN

M: 89,56 CAS: 544-92-3 EINECS: 208-883-6 NC: 2837 19 00 UN: 1587
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay ..... 98 %

Order code	Package	Units/Box st.
151263.1208	100 g (P)	6
151263.1210	500 g (P)	6

Copper(II) Ethylenediamine Reagent RE

for determination of cellulose paste viscosity

NC: 3822 00 00 UN: 1761
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H317-H314-H412

1l~1,096kg 1kg~0,912l

SPECIFICATIONS:

Cu ..... 1,00 ± 0,02 mol/l
Ratio $C_2H_8N_2$/Cu ..... 2,00 ± 0,04

Order code	Package	Units/Box st.
172308.1611	1000 ml	6

Copper(II) Ethylenediamine in solution

(see Copper(II) Ethylenediamine Reagent)

Copper(II) Hydroxide Carbonate PA

$CuCO_3.Cu(OH)_2$

M: 221,10 CAS: 12069-69-1 EINECS: 235-113-6 NC: 2836 99 11 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (as Cu)(Iodom.) ..... 55,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,01 %
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,03 %
Fe ..... 0,05 %
K ..... 0,05 %
Na ..... 0,05 %
Pb ..... 0,01 %

Order code	Package	Units/Box st.
121262.1211	1000 g (P)	6
121262.0914	5 kg (PP)	

Copper(II) Hydroxide Carbonate PRS

$CuCO_3.Cu(OH)_2$

M: 221,10 CAS: 12069-69-1 EINECS: 235-113-6 NC: 2836 99 11 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as Cu)(Iodom.) ..... 55 %
Insoluble matter in H_2SO_4 ..... 0,05 %
Chloride (Cl) ..... 0,1 %
Sulphate (SO_4) ..... 0,05 %

Order code	Package	Units/Box st.
141262.1210	500 g (P)	6
141262.1211	1000 g (P)	6
141262.0914	5 kg (PP)	
141262.0416	25 kg	

Copper(I) Iodide PRS

CuI

M: 190,45 CAS: 7681-65-4 EINECS: 231-674-6 NC: 2827 60 00

SPECIFICATIONS:

Assay (Iodom.) ..... 99 %
Sulphate (SO_4) ..... 0,01 %
Fe ..... 0,002 %

Order code	Package	Units/Box st.
144202.1608	100 g	6

Copper(I) Iodide, 99% PS

CuI

M: 190,45 CAS: 7681-65-4 EINECS: 231-674-6 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 99 %

Order code	Package	Units/Box st.
164202.1608	100 g	6

Copper(II) Nitrate 3-hydrate (Reag. Ph. Eur.) PA-ACS

$Cu(NO_3)_2.3H_2O$

M: 241,60 CAS: 10031-43-3 EINECS: 221-838-5 NC: 2834 29 40 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 99,0 %
pH of 5% solution ..... ≥2,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,01 %
As ..... 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ca	50	Mn	10
Cd	50	Na	50
Co	10	Ni	100
Cr	30	Pb	10
Fe	50	Sb	10
K	50	Sr	20
Hg	10	Ti	10
Mg	20	V	10
		Zn	300

Order code	Package	Units/Box st.
131267.1210	500 g (P)	6
131267.1211	1000 g (P)	6
131267.1214	5 kg (P)	4
131267.0416	25 kg (PP)	

Copper(II) Nitrate 3-hydrate PRS

$Cu(NO_3)_2.3H_2O$

M: 241,60 CAS: 10031-43-3 EINECS: 221-838-5 NC: 2834 29 40 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Iodom.) ..... 98-103 %
pH of 5% solution ..... ≥2,8
Insoluble matter in H_2O ..... 0,025 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,02 %
As ..... 0,0001 %
Ca ..... 0,05 %
Fe ..... 0,01 %
Mg ..... 0,01 %
Ni ..... 0,05 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141267.1210	500 g (P)	6
141267.1211	1000 g (P)	6
141267.1214	5 kg (P)	4
141267.0416	25 kg (PP)	

Copper(II) Oxide PA

CuO

M: 79,55 CAS: 1317-38-0 EINECS: 215-269-1 NC: 2825 50 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.) ..... 97 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,05 %
Nitrogen compounds (as N) ..... 0,005 %
Sulphur compounds (as SO_4) ..... 0,05 %
Chloride (Cl) ..... 0,01 %
Fe ..... 0,05 %

Order code	Package	Units/Box st.
121269.1208	100 g (P)	6
121269.1210	500 g (P)	6

Copper(II) Oxide PRS

CuO

M: 79,55 CAS: 1317-38-0 EINECS: 215-269-1 NC: 2825 50 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.) ..... 96 %
Insoluble matter in HCl ..... 0,05 %
Sulphur compounds (as SO_4) ..... 0,1 %

Order code	Package	Units/Box st.
141269.1210	500 g (P)	6
141269.1211	1000 g (P)	6
141269.0914	5 kg (PP)	

Copper(I) Oxide red, 95% PS

Cu_2O

M: 143,09 CAS: 1317-39-1 EINECS: 215-270-7 NC: 2825 50 00

Signal Word: Warning



H302-H410

SPECIFICATIONS:

Assay ..... 95 %

Order code	Package	Units/Box st.
151825.1206	25 g P	6
151825.1210	500 g P	6

Copper(II) Pyrophosphate x-hydrate QP

$Cu_2P_2O_7.xH_2O$

M: 301,02(anh) CAS: 15191-80-7 EINECS: 239-250-2 NC: 2835 39 00

Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay (Iodom.) (as Cu) ..... 33-37 %

Order code	Package	Units/Box st.
212646.1211	1000 g P	6

Copper(II) Sulphate anhydrous (Reag. USP) PA

$CuSO_4$

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H302-H319-H315-H410

SPECIFICATIONS:

CE: 029-004-00-0

Minimum assay (Iodom.) ..... 98 %
pH of 5% solution 3,5-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Loss on drying at 250°C ..... 0,5 %
Not precipit. substances by H_2S (as SO_4) ..... 0,15 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,002 %
As ..... 0,0001 %
Ca ..... 0,01 %
Fe ..... 0,01 %
K ..... 0,005 %
Mg ..... 0,005 %
Na ..... 0,01 %
Ni ..... 0,005 %
Pb ..... 0,01 %
Zn ..... 0,05 %

Order code	Package	Units/Box st.
122726.1209	250 g P	6
122726.1211	1000 g P	6
122726.1214	5 kg P	4
122726.0416	25 kg PP	

Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX

$CuSO_4$

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H302-H319-H315-H410

SPECIFICATIONS:

Assay (Iodom.) calc. a.d.s 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 250°C ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,015 %
As ..... 0,0005 %
Fe ..... 0,015 %
Ni ..... 0,01 %
Pb ..... 0,008 %

Order code	Package	Units/Box st.
142726.1209	250 g P	6
142726.1211	1000 g P	6
142726.1214	5 kg P	4
142726.0416	25 kg PP	

Copper(II) Sulphate 5-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$CuSO_4.5H_2O$

M: 249,68 CAS: 7758-99-8 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H302-H319-H315-H410

SPECIFICATIONS:

Assay (Iodom.) ..... 99-101 %
pH of 5% solution ..... ≥3,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,005 %
Nitrogen compounds (as N) ..... 0,001 %
Chloride (Cl) ..... 0,001 %
As ..... 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ca	50	Mn	5
Cd	10	Na	50
Co	10	Ni	50
Cr	5	Pb	50
Fe	30	Si	5
Hg	5	Sr	5
K	10	Ti	5
Mg	20	V	5
		Zn	300

Order code	Package	Units/Box st.
131270.1210	500 g P	6
131270.1211	1000 g P	6
131270.1214	5 kg P	4
131270.0416	25 kg PP	

Copper(II) Sulphate 5-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

$CuSO_4.5H_2O$

M: 249,68 CAS: 7758-99-8 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H302-H319-H315-H410

SPECIFICATIONS:

Assay (Iodom.) 99,0-100,5%
Appearance ..... p/t
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution ..... ≥3,8

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 250°C ..... 35,0-36,5 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,01 %
As ..... 0,0005 %
Ca ..... 0,005 %
Fe ..... 0,01 %
K ..... 0,01 %
Na ..... 0,02 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141270.1210	500 g P	6
141270.1211	1000 g P	6
141270.1214	5 kg P	4
141270.0416	25 kg PP	

COPPER(II) SULPHATE SOLUTIONS

Copper(II) Sulphate solution d.1,050 DC

for hematology, blood density

$CuSO_4$

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l~1,050kg 1kg~0,952l

SPECIFICATIONS:

Density at 20/4 ..... 1,050±0,001

Order code	Package	Units/Box st.
252195.2711	1000 ml C	6

C

Copper(II) Sulphate solution d.1,053 DC

for hematology, blood density

$CuSO_4$

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H411

1l~1,053kg 1kg~0,949l

SPECIFICATIONS:

Density at 20/4 ..... 1,053±0,001

Order code	Package	Units/Box st.
253296.2711	1000 ml	6

Copper(II) Sulphate solution d.1,055 DC

for hematology, blood density

$CuSO_4$

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H411

1l~1,055kg 1kg~0,948l

SPECIFICATIONS:

Density at 20/4 ..... 1,055±0,001

Order code	Package	Units/Box st.
253295.2711	1000 ml	6

Copper(II) Sulphate 0,1 mol/l (0,1M) SV

Indicator: Murexide

$CuSO_4$

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00
Signal Word:
R: 52 CE: 029-004-00-0
1l~1,016kg 1kg~0,984l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181271.1211	1000 ml	6

Coumarin, 97% PS

$C_9H_6O_2$

M: 146,15 CAS: 91-64-5 EINECS: 202-086-7 NC: 2932 21 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C198.1208	100 g	6
15C198.1210	500 g	6

Creatinine DC

for standards

$C_4H_7N_3O$

M: 113,12 CAS: 60-27-5 EINECS: 200-466-7 NC: 2933 29 90

SPECIFICATIONS:

Minimum assay (Determ. of N) ..... 99,0 %
Identity ..... IR p/t.
pH of 5% solution 7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,001 %

Order code	Package	Units/Box st.
251283.1605	10 g	6

o-Cresol, 99% PS

C_7H_8O

M: 108,14 CAS: 95-48-7 EINECS: 202-423-8 NC: 2907 12 00 UN: 3455
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H311-H301-H314

SPECIFICATIONS:

Minimum assay (G.C) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 29-31°C

Order code	Package	Units/Box st.
15A843.1611	1000 g	6

p-Cresol, 98,5% PS

C_7H_8O

M: 108,14 CAS: 106-44-5 EINECS: 203-398-6 NC: 2907 12 00 UN: 3455
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H311-H301-H314

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98,5 %
Identity ..... IR p/t.
Melting range ..... 31-34°C

Order code	Package	Units/Box st.
15A848.1608	100 g	6
15A848.1610	500 g	6

o-Cresolphthalein PA

pH indicator 8,2 colorless; 9,8 red

$C_{22}H_{18}O_4$

M: 346,39 CAS: 596-27-0 EINECS: 209-881-8 NC: 2932 99 85

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS at pH 11,3 ..... 565-569 nm
A 1%, 1 cm, λmax ..... >1500
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
colorless 8,2
red 9,8
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 135°C ..... 5 %
Residue on ignition (as SO_4) ..... 0,5 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
122644.1605	10 g	6

o-Cresolphthalein-3',3"-Bis (Methyliminodiacetic) Acid

(see Phthalein Purple)

o-Cresolphthalein Complexone

(see Phthalein Purple)

m-Cresol Purple PA

pH indicator 1,2 red- 2,8 yellow; 7,4 yellow- 9,0 purple

$C_{21}H_{18}O_5S$

M: 382,44 CAS: 2303-01-7 EINECS: 218-960-6 NC: 2932 29 85

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 574-578 nm
A 1%, 1 cm, λmax ..... ≥875
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
red 1,2
yellow 2,8
yellow 7,4
purple 9,0
Loss on drying at 135°C ..... 1 %

Order code	Package	Units/Box st.
121548.1603	1 g	6

Cresol Red PA

pH indicator 7,2 yellow; 8,8 purple

$C_{21}H_{18}O_5S$

M: 382,44 CAS: 1733-12-6 EINECS: 217-064-2 NC: 2932 29 85

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 569-572 nm
A 1%, 1cm, λmax (a.d.s.) ..... >1350
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
yellow 7,2
purple 8,8
Insoluble in C_2H_5OH ..... p/t.
Loss on drying at 135°C ..... 5 %
Residue on ignition (as SO_4) ..... 0,5 %

Order code	Package	Units/Box st.
121613.1604	5 g	6
121613.1606	25 g	6

Cresol Red solution 0,04% RV

pH indicator 7,2 yellow; 8,8 purple
$C_{21}H_{18}O_5S$
M: 382,44 CAS: 1733-12-6 NC: 3822 00 00
1l~0,980kg 1kg~1,020l
SPECIFICATIONS:
Composition:
Cresol Red.....40 mg
Sodium Hydroxide 0,1 mol/l.....1 ml
Ethanol absolute.....20 ml
Water.....85 ml

Order code	Package	Units/Box st.
281614.1208	100 ml (P)	6

Crown Ether/15-Crown-5, 98% PS

$C_{10}H_{20}O_5$
M: 220,26 CAS: 33100-27-5 EINECS: 251-379-6 NC: 2932 99 85
Signal Word: Warning


H302-H319-H335-H315

1l~1,109kg 1kg~0,901l
SPECIFICATIONS:
Minimum assay.....98 %

Order code	Package	Units/Box st.
15A033.1604	5 ml	6
15A033.1606	25 ml	6

Crown Ether/18-Crown-6, 98% PS

$C_{12}H_{24}O_6$
M: 264,32 CAS: 17455-13-9 EINECS: 241-473-5 NC: 2932 99 85
Signal Word: Warning


H302-H319-H335-H315

SPECIFICATIONS:
Minimum assay.....98 %

Order code	Package	Units/Box st.
15A034.1604	5 g	6
15A034.1606	25 g	6

Crystal Violet (C.I. 42555) PA-ACS

indicator in non aqueous medium
$C_{25}H_{30}ClN_3$
M: 407,99 CAS: 548-62-9 EINECS: 208-953-6 NC: 3204 13 00
Signal Word: Danger


H302-H351-H318-H410

SPECIFICATIONS:
Minimum assay (Spectrophotometric) (a.d.s.).....90,0 %
Identity.....IR p/t.
Ratio λmax. P ± 15 nm.....0,98-1,25
T.L.C.....p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C.....7,5 %
Sensitivity as indicator in non-aqueous mediums.....p/t.

Order code	Package	Units/Box st.
131762.1606	25 g	6
131762.1608	100 g	6

Crystal Violet (C.I. 42555) DC

for microscopy, bacteria staining
$C_{25}H_{30}ClN_3$
M: 407,99 CAS: 548-62-9 EINECS: 208-953-6 NC: 3204 13 00
Signal Word: Danger


H302-H351-H318-H410

SPECIFICATIONS:
Minimum assay (spectrophotometric) (a.d.s.).....90,0 %
Identity.....IR p/t.
Ratio λmax. P ± 15 nm.....0,98-1,25
T.L.C.....p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
251762.1606	25 g	6
251762.1608	100 g	6

CRYSTAL VIOLET SOLUTIONS

Crystal Violet solution 2% DC

for microscopy, bacteria staining according to Gram
$C_{25}H_{30}ClN_3$
M: 407,99 NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H331-H311-H301-H370

1l~0,800kg 1kg~1,250l
Composition:
Crystal Violet.....2 g
Methanol s.q.m.....100 ml

Order code	Package	Units/Box st.
251763.1608	100 ml	6

Crystal Violet solution 0,5% in acetic acid RV

indicator in non aqueous medium
$C_{25}H_{30}ClN_3$
M: 407,99 NC: 3822 00 00 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~1,052kg 1kg~0,951l
Composition:
Crystal violet.....0,5 g
Acetic Acid glacial.....100 ml

Order code	Package	Units/Box st.
281764.1208	100 ml (P)	6

Crystal Violet Oxalate solution according to Gram-Hucker DC

for microscopy, bacteria staining according to Hucker (see also Kit for Staining Gram-Hucker)
NC: 3822 00 00
1l~0,980kg 1kg~1,020l
Composition:
Crystal Violet.....20 g
Ammonium Oxalate.....8 g
Ethanol.....200 ml
Water.....800 ml

Order code	Package	Units/Box st.
252532.1608	100 ml	6
252532.1609	250 ml	6
252532.1611	1000 ml	6

CTAB

(see N-Cetyl-N,N,N-Trimethylammonium Bromide)

CULTIMED

(see chapter CULTIMED products)

Cupferron (ACS IX) PA-ACS

$C_6H_9N_3O_2$
M: 155,16 CAS: 135-20-6 EINECS: 205-183-2 NC: 2928 00 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H302-H351

SPECIFICATIONS:
Identity.....IR p/t.
A 1%, 1 cm, in H_2O at λ281 nm.....>515
Melting range.....150-155°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O.....p/t.
Residue on ignition (as SO_4).....0,05 %
Suitability to precipitate ions.....p/t.

Order code	Package	Units/Box st.
131827.1606	25 g	6
131827.1608	100 g	6

Cupral

(see Sodium Diethyldithiocarbamate 3-hydrate)

Cupric

(see Copper(II) compounds)

Cupric Solution 0,168 mol/l VINIKIT

for determination of reducing sugars in wine, according to Rebelein method (see also Rebelein's Kit)

NC: 3822 00 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l~1,028kg 1kg~0,973l

Composition:
Copper(II) Sulphate 5-hydrate ..... 43 g
Sulphuric Acid 96% ..... 7,485 ml
Water s.q.m. ..... 1 l

Order code	Package	Units/Box st.
624582.1210	500 ml	6

Cupriethylenediamine

(see Copper(II) Ethylenediamine Reagent)

Cuprizon

(see Oxalic Acid Bis (Cyclohexylidene hydrazide))

Cuprone

(see α-Benzoinoxime)

Cuprous

(see Copper(I) compounds)

Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA

for boron detection

$C_{21}H_{20}O_6$

M: 368,39 CAS: 458-37-7 EINECS: 207-280-5 NC: 3203 00 10

SPECIFICATIONS:
Minimum assay (Spectrophotometric) ..... 93 %
Identity ..... IR p/t.
λ of max. ABS in C_3H_6O ..... 418-422 nm
A 1%, 1 cm, λmax ..... >1530

Order code	Package	Units/Box st.
124746.1605	10 g	6

Cyanoacetic Acid, 98% PS

$C_3H_3NO_2$

M: 85,06 CAS: 372-09-8 EINECS: 206-743-9 NC: 2926 90 95 UN: 3261

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H332-H302-H314-H319-H412

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A311.1606	25 g	6
15A311.1610	500 g	6

3-Cyanobenzaldehyde, 98% PS

C_8H_5NO

M: 131,13 CAS: 24964-64-5 EINECS: 246-549-1 NC: 2926 90 95 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B997.1603	1 g	6
15B997.1604	5 g	6

Cyanobenzene

(see Benzonitrile)

1-Cyanoguanidine, 98% PS

$HNC(NH_2)NHCN$

M: 84,08 CAS: 461-58-5 EINECS: 207-312-8 NC: 2926 20 00

SPECIFICATIONS:
Minimum assay (Determ. of N) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 208-211°C
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
15A604.1208	100 g	6
15A604.1210	500 g	6

Cyanomethane

(see Acetonitrile)

Cyanosine

(see Phloxine B)

1,4-Cyclohexadienedione

(see 1,4-Benzoquinone)

Cyclohexane (UV-IR-HPLC) PAI-ACS

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,778kg 1kg~1,285l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,776-0,780

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0003 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,01 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	220	230	240	250	260-400
A (AU)	1,000	0,824	0,347	0,125	0,046	0,009	0,004
T (%)	10	15	45	75	90	98	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity ..... -0,2
Eluotropic value E°(Al_2O_3) 0,4
Sol. H_2O in solv. at 20°C 0,012
P' + 0,25 E 0,5
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361250.1611	1000 ml	6
361250.1612	2,5 l	4

Cyclohexane (PAR) PAI

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,778kg 1kg~1,285l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,776-0,780

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0003 meq/g
Water (H_2O) ..... 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) ..... p/t.

Order code	Package	Units/Box st.
321250.1611	1000 ml	6
321250.1612	2,5 l	4
321250.1646	4 l	4

Cyclohexane dry (max. 0,005% water) DS-ACS-ISO

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,778kg 1kg~1,285l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,776-0,780
Freezing point	>6,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Cyclohexene (G.C.)	0,01 %
Cyclopentane (G.C.)	0,05 %
Methylcyclohexane (G.C.)	0,05 %
Reducing substances to $KMnO_4$	p/t.
Darkened substances by H_2SO_4	p/t.
Aromatic compounds (UV) (as C_6H_6)	0,01 %
Sulphur compounds (as S)	0,002 %
Acidity	0,0003 meq/g
Water (H_2O)	0,005 %
Thiophene	p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481250.1611	1000 ml	6

Cyclohexane (Reag. Ph. Eur.) PA-ACS-ISO

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,778kg 1kg~1,285l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,776-0,780
Freezing point	>6,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Cyclohexene (G.C.)	0,01 %
Cyclopentane (G.C.)	0,05 %
Methylcyclohexane (G.C.)	0,05 %
Reducing substances to $KMnO_4$	p/t.
Darkened substances by H_2SO_4	p/t.
Aromatic compounds (U.V.) (as C_6H_6)	0,01 %
Sulphur compounds (as S)	0,002 %
Acidity	0,0003 meq/g
Water (H_2O)	0,02 %
Thiophene	p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Ga	0,02	S	0,2
Al	0,5	Ge	0,05	Sb	0,02
As	0,05	Hg	0,05	Si	0,2
Au	0,05	In	0,05	Sn	0,1
B	0,02	K	0,1	Sr	0,2
Ba	0,1	Li	0,05	Ti	0,02
Be	0,02	Mg	0,1	Tl	0,02
Bi	0,05	Mn	0,02	V	0,02
Ca	0,5	Mo	0,02	Zn	0,1
Cd	0,05	Na	0,5	Zr	0,02
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		
Fe	0,1	Pt	0,02		

Order code	Package	Units/Box st.
131250.1611	1000 ml	6
131250.1612	2,5 l	4
131250.0314	5 l	4
131250.0316	25 l	

Cyclohexane PRS

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,778kg 1kg~1,285l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,776-0,780
Non-volatile matter	0,005 %
Cyclohexene (G.C.)	0,05 %
Aromatic compounds (UV) (as C_6H_6)	0,05 %
Sulphur compounds (as S)	0,005 %
Acidity	0,001 meq/g
Water (H_2O)	0,05 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141250.1611	1000 ml	6
141250.1612	2,5 l	4
141250.0314	5 l	4
141250.0616	25 l	

Cyclohexane, 99,5% PS

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,778kg 1kg~1,285l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,776-0,780
Non-volatile matter	0,005 %
Water (H_2O)	0,02 %

Order code	Package	Units/Box st.
161250.1611	1000 ml	6
161250.1612	2,5 l	4
161250.1714	5 l	4
161250.0616	25 l	

Cyclohexane QP

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,778kg 1kg~1,285l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	0,776-0,780
Acidity	0,005 meq/g
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
211250.1611	1000 ml	6
211250.1714	5 l	4
211250.0616	25 l	
211250.0619	200 l	

1,3-Cyclohexanedione, 98% stabilized with 3% sodium chloride PS

$C_6H_8O_2$

M: 112,13 CAS: 504-02-9 EINECS: 207-980-0 NC: 2914 29 00

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A201.1608	100 g	6
15A201.1610	500 g	6

Cyclohexane/Ethyl Acetate

(see Mixture Cyclohexane/Ethyl Acetate)

Cyclohexanol PRS

$C_6H_{12}O$

M: 100,16 CAS: 108-93-0 EINECS: 203-630-6 NC: 2906 12 00

Signal Word: Warning



H332-H302-H335-H315

1l~0,95kg 1kg~1,05l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Freezing point	>22,0°C
Non-volatile matter	0,05 %
Cyclohexanone (G.C.)	0,5 %
Acidity (as CH_3COOH)	0,01 %
Water (H_2O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141260.1611	1000 ml	6
141260.1612	2,5 l	4
141260.1214	5 l	4
141260.0716	25 l	

Cyclohexanol, 99% PS

$C_6H_{12}O$

M: 100,16 CAS: 108-93-0 EINECS: 203-630-6 NC: 2906 12 00

Signal Word: Warning



H332-H302-H335-H315

1l~0,95kg 1kg~1,05l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161260.1211	1000 ml	6
161260.1212	2,5 l	4
161260.1714	5 l	4
161260.0616	25 l	

Cyclohexanone PA-ACS

$CH_2(CH_2)_4CO$

M: 98,14 CAS: 108-94-1 EINECS: 203-631-1 NC: 2914 22 00 UN: 1915

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332

1l~0,947kg 1kg~1,056l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,945-0,948

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,05 %
Water (H_2O)	0,05 %

Metals by ICP [mg/Kg (ppm)]

Hg	0,02	Ni	0,02	Sr	0,2
In	0,05	P	0,2	Ti	0,02
K	0,1	Pb	0,1	Tl	0,02
Li	0,05	Pt	0,02	V	0,02
Mg	0,2	S	0,2	Zn	0,1
Mn	0,02	Sb	0,02	Zr	0,02
Mo	0,02	Si	0,2		
Na	0,5	Sn	0,1		

Order code	Package	Units/Box st.
131890.1611	1000 ml	6

Cyclohexanone, 99,5% PS

$CH_2(CH_2)_4CO$

M: 98,14 CAS: 108-94-1 EINECS: 203-631-1 NC: 2914 22 00 UN: 1915

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332

1l~0,947kg 1kg~1,056l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,945-0,948
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161890.1611	1000 ml	6
161890.1612	2,5 l	4
161890.1714	5 l	4
161890.0616	25 l	

Cyclohexanone QP

$CH_2(CH_2)_4CO$

M: 98,14 CAS: 108-94-1 EINECS: 203-631-1 NC: 2914 22 00 UN: 1915

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332

1l~0,947kg 1kg~1,056l

SPECIFICATIONS:

Assay (G.C.)	99 %
Density at 20/4	0,945-0,948
Water (H_2O)	0,5 %

Order code	Package	Units/Box st.
211890.1214	5 l	4
211890.0716	25 l	

Cyclohexene, 99% stabilized with ~100 ppm of BHT PS

$CH=CH(CH_2)_3CH_2$

M: 82,15 CAS: 110-83-8 EINECS: 203-807-8 NC: 2902 19 80 UN: 2256

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332

1l~0,812kg 1kg~1,232l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,810-0,813

Order code	Package	Units/Box st.
15A747.1610	500 ml	6
15A747.1611	1000 ml	6

Cyclohexylamine, 99% PS

$C_6H_{13}N$

M: 99,18 CAS: 108-91-8 EINECS: 203-629-0 NC: 2921 30 10 UN: 2357

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H312-H302-H314-H361f

1l~0,866kg 1kg~1,154l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,865-0,867
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
15A748.1611	1000 ml	6
15A748.0716	25 l	

Cyclopentanol, 99% PS

$C_5H_{10}O$

M: 86,13 CAS: 96-41-3 EINECS: 202-504-8 NC: 2906 19 00 UN: 2244

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~0,949kg 1kg~1,054l

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15A087.1610	500 ml	6

Cyclopentanone, 99% PS

C_5H_8O

M: 84,12 CAS: 120-92-3 EINECS: 204-435-9 NC: 2914 29 00 UN: 2245

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H315

1l~0,951kg 1kg~1,051l

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15A090.1609	250 ml	6
15A090.1611	1000 ml	6

Cyclopentyl Chloride

(see Chlorocyclopentane)

Cyclopropanecarbonyl Chloride, 95% PS

C_4H_5ClO

M: 104,54 CAS: 4023-34-1 EINECS: 223-684-4 NC: 2918 99 90 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H226-H301-H314

1l~1,152kg 1kg~0,868l
SPECIFICATIONS:
Assay ..... 95 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A048.1606	25 ml	6
15A048.1608	100 ml	6

Cyclopropanecarboxylic Acid, 98% PS

$C_4H_6O_2$

M: 86,09 CAS: 1759-53-10 EINECS: 217-162-5 NC: 2916 20 00 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,088kg 1kg~0,919l
SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A046.1607	50 ml	6
15A046.1609	250 ml	6

Cyclopropyl Bromide, 98% PS

C_3H_5Br

M: 120,98 CAS: 4333-56-6 EINECS: 224-375-7 NC: 2903 59 80 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~1,512kg 1kg~0,661l
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A054.1604	5 ml	6
15A054.1606	25 ml	6

Cyclopropylcarbonitrile

(see Cyclopropyl Cyanide)

Cyclopropyl Cyanide, 98% PS

C_4H_5N

M: 67,09 CAS: 5500-21-0 EINECS: 226-836-8 NC: 2926 90 95 UN: 2929
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H226-H331-H311-H301

1l ~0,911kg 1kg~1,097l
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A044.1606	25 ml	6
15A044.1608	100 ml	6

Cyclopropylmethanol, 98% PS

C_4H_8O

M: 72,11 CAS: 2516-33-8 EINECS: 219-735-5 NC: 2906 19 00 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H302-H226-H314

1l~0,89kg 1kg~1,12l
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A042.1606	25 ml	6
15A042.1609	250 ml	6

Cyclopropylmethylamine, 96% PS

C_4H_9N

M: 71,12 CAS: 2516-47-4 EINECS: 219-737-6 NC: 2921 30 99 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H315

1l~0,820kg 1kg~1,219l
SPECIFICATIONS:
Minimum assay ..... 96 %

Order code	Package	Units/Box st.
15A040.1603	1 ml	6
15A040.1604	5 ml	6

Cyclopropylmethyl Bromide

(see Bromomethylcyclopropane)

Cyclopropylmethylketone, 98% PS

C_5H_8O

M: 84,12 CAS: 765-43-5 EINECS: 212-146-4 NC: 2914 29 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,898kg 1kg~1,113l
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A038.1606	25 ml	6
15A038.1608	100 ml	6

Cystamine Dihydrochloride

(see Cystaminium Dichloride)

Cystaminium Dichloride, 99% PS

$C_4H_{14}Cl_2N_2S_2$

M: 225,20 CAS: 56-17-7 EINECS: 200-260-7 NC: 2930 90 85
SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 214-220°C

Order code	Package	Units/Box st.
15B675.1608	100 g	6

L-Cysteine, 99% PS

$C_3H_7NO_2S$

M: 121,16 CAS: 52-90-4 EINECS: 200-158-2 NC: 2930 90 13
Signal Word: Warning



H302

SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B512.1206	25 g	6
15B512.1208	100 g	6

L-Cystine (E-921, F.C.C.) ADITIO

$C_6H_{12}N_2O_4S_2$

M: 240,30 CAS: 56-89-3 EINECS: 200-296-3 NC: 2930 90 13
SPECIFICATIONS:
Assay (as $C_6H_{12}N_2O_4S_2$) calc. a.d.s 98,5-101,5%
Appearance ..... p/t
Identity:
IR spectrum ..... p/t.
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,2 %
Residue on ignition, not more than ..... 0,1 %
Spec.Rot. (after drying) $[\alpha]^{20}$/D c=2 (in HCl 1 mol/l) ..... -215 to -225°
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
203645.1208	100 g	6

L-Cystine, 98% PS

$C_6H_{12}N_2O_4S_2$

M: 240,30 CAS: 56-89-3 EINECS: 200-296-3 NC: 2930 90 13
SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
153645.1207	50 g	6
153645.1209	250 g	6
153645.1211	1000 g	6

DBPC

(see 2,6-Di-tert-Butyl-4-Methylphenol)

DCA
(see Dichloroacetic Acid)

DCC
(see N,N'-Dicyclohexylcarbodiimide)

DCPD
(see Dicyclopentadiene)

D & C Red 19
(see Rhodamine B)

D & C Yellow 1
(see Metanil Yellow)

DDQ
(see 2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone)

DDTC Sodium Salt
(see Sodium Diethyldithiocarbamate 3-hydrate)

1,1,1,2,3,4,4,5,5,5-Decafluoropentane, 99,5% PS
$C_5H_2F_{10}$
M: 252,05 CAS: 138495-42-8 NC: 2903 39 90
Signal Word: Warning

H319-H335-H315
1l~1,595kg 1kg~0,627l
SPECIFICATIONS:
Assay (G.C.) (Fluoropentanes mixture) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 1,593-1,597
Water (H_2O) ..... 0,01 %

Order code	Package	Units/Box st.
15C362.1611	1000 ml	6

Decahydronaphthalene, 98% isomers mixture PS
$C_{10}H_{18}$
M: 138,25 CAS: 91-17-8 EINECS: 202-046-9 NC: 2902 19 80 UN: 1147
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger

H332-H314
1l~0,883kg 1kg~1,133l
SPECIFICATIONS:
Minimum assay (G.C.) (cis+trans) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,880-0,885
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
15A758.1611	1000 ml	6
15A758.1612	2,5 l	4
15A758.1714	5 l	4

Decalcifier for pathological anatomy
(see Histofix)

Decalin
(see Decahydronaphthalene)

Decanoic Acid, 98% PS
CH_3-$(CH_2)_8$-COOH
M: 172,27 CAS: 334-48-5 EINECS: 206-376-4 NC: 2915 90 80
Signal Word: Warning

H319-H315
1l~0,886kg 1kg~1,128l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 30-33°C

Order code	Package	Units/Box st.
162785.1610	500 ml	6
162785.1611	1000 ml	6
162785.1214	5 l	4

Decanoic Acid Chloride
(see Decanoyl Chloride)

Decanoic Acid Methyl Ester
(see Methyl Decanoate)

Decanoyl Chloride, 98% PS
$C_{10}H_{19}ClO$
M: 190,71 CAS: 112-13-0 EINECS: 203-938-0 NC: 2915 90 80 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger

H314
1l~0,933kg 1kg~1,072l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,932-0,935

Order code	Package	Units/Box st.
15A759.1608	100 ml	6

Dehydrated Culture Media for Microbiology
(see chapter CULTIMED products)

Dehydrating solvent for pathological anatomy
(see Vitrosec)

6-Deoxy-D-Galactose
(see D(+)-Fucose)

6-Deoxy-L-Galactose
(see L(-)-Fucose)

6-Deoxy-L-Mannose
(see L(+)-Rhamnose 1-hydrate)

DERQUIM, DETERGENTS FOR WASHING OF LABORATORY MATERIAL

DERQUIM + Universal Detergent, LIQUID
Biodegradable, without phosphates
NC: 3402 20 90
Signal Word: Warning

H302
1l~1,14kg 1kg~0,88l

Order code	Package	Units/Box st.
503574.1211	1000 ml	6
503574.1231	3 l	4
503574.1214	5 l	4
503574.1315	10 l	(*)

DSF Disinfectant:

DERQUIM DSF 01 Antiseptic for hands LIQUID
for disinfecting hands
NC: 3402 20 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger

H225-H302
1l~0,97kg 1kg~1,03l
SPECIFICATIONS:
Density at 20/4 0,960-0,975
pH of 1% solution 5-6
Disinfectant activity (minimum inhibitor concentration)
E. coli ..... 2,5 %
S. aureus ..... 5,0 %
A. niger ..... 2,0 %

Order code	Package	Units/Box st.
504993.1211	1000 ml	6
504993.1231	3 l	4

DERQUIM DSF 11 Antiseptic for surfaces and implements, LIQUID
for disinfecting floors, walls and objects
NC: 3402 20 90 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H302-H319-H315-H317
1l~1,01kg 1kg~0,99l
SPECIFICATIONS:
Density at 20/4 1,005-1,015
Disinfectant activity (minimum inhibitor concentration)
E. coli ..... 0,5 %
S. aureus ..... 1 %
A. niger ..... 0,2 %

Order code	Package	Units/Box st.
504994.1211	1000 ml	6
504994.1231	3 l	4
504994.1214	5 l	4
504994.1315	10 l	(*)

(*) Sol-Pack pack with tap

LA Automatic Wash:

DERQUIM LA 11 Slightly alkaline SOLID

free of surfactant substances.Solid in powder. pH (3 g/l solution) ~11,2. Soft residues removing.

NC: 3402 20 90 UN: 3262

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314

Order code	Package	Units/Box st.
502603.1245	2 kg	4
502603.0415	10 kg	
502603.0416	25 kg	

DERQUIM LA 12 Alkaline SOLID

free of surfactant substances.Solid in powder. pH (3 g/l solution) ~12,3. Removing of dry residues.

NC: 3402 20 90 UN: 3262

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

Order code	Package	Units/Box st.
502604.1245	2 kg	4
502604.0415	10 kg	
502604.0416	25 kg	

DERQUIM LA 13 Alkaline with detergents SOLID

Solid in powder. pH (3 g/l solution) ~12,2. Grease removing.

NC: 3402 20 90 UN: 3262

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

Order code	Package	Units/Box st.
502605.1245	2 kg	4
502605.0415	10 kg	
502605.0416	25 kg	

DERQUIM LA 14 Slightly alkaline LIQUID

free of surfactant substances.pH (4 ml/l solution) ~11,2. Soft residues removing.

NC: 3402 20 90 UN: 3266

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H302-H314

1l~1,350kg 1kg~0,741l

Order code	Package	Units/Box st.
502606.1231	3 l	4
502606.1214	5 l	4
502606.1315	10 l	(*)
502606.0716	25 l	

DERQUIM LA 15 Alkaline LIQUID

free of surfactant substances.pH (4 ml/l solution) ~12,2. Removing of dry residues.

NC: 3402 20 90 UN: 3266

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H302-H314

1l~1,425kg 1kg~0,702l

Order code	Package	Units/Box st.
502607.1231	3 l	4
502607.1214	5 l	4
502607.1315	10 l	(*)
502607.0716	25 l	

DERQUIM LA 21 Acid, with phosphoric acid LIQUID

free of surfactant substances.Acid solution with anticorrosive protection. pH (2 ml/l solution) ~2,0. Pre-washing agent and neutralizer in post-washing.

NC: 3402 20 90 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H302-H314

1l~1,375kg 1kg~0,727l

Order code	Package	Units/Box st.
502608.1231	3 l	4
502608.1214	5 l	4
502608.1315	10 l	(*)
502608.0716	25 l	

(*) Sol-Pack pack with tap

DERQUIM LA 22 Acid, with citric acid LIQUID

free of phosphates. Solution for washing and neutralization. pH (2 ml/l solution) ~3,0.

NC: 3402 20 90

Signal Word: Warning



H302-H319-H315

1l~1,15kg 1kg~0,870l

Order code	Package	Units/Box st.
502609.1231	3 l	4
502609.1214	5 l	4
502609.1315	10 l	(*)
502609.0716	25 l	

Automatic Wash Auxiliaries:

DERQUIM LA 31 Antifoaming

auxiliary antifoaming LIQUID

NC: 3402 20 90

Signal Word: Warning



H302

1l~0,993kg 1kg~1,007l

Order code	Package	Units/Box st.
502610.1231	3 l	4

DERQUIM LA 32 Rinsing

Biodegradable, auxiliary, rinsing, phosphates free LIQUID

NC: 3402 20 90

Signal Word: Warning



H302

1l~1,040kg 1kg~0,962l

Order code	Package	Units/Box st.
502611.1231	3 l	4

DERQUIM SALT (Sodium Chloride lumps)

for deliming of water

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

Order code	Package	Units/Box st.
503468.0415	10 kg	
503468.0416	25 kg	

LM Manual Wash:

DERQUIM LM 01 Alkaline LIQUID

pH solution 2%: 11-12. General use.

NC: 3402 20 90

Signal Word: Warning



H302-H319-H315

1l~1,070kg 1kg~0,935l

Order code	Package	Units/Box st.
502600.1231	3 l	4
502600.1214	5 l	4
502600.1315	10 l	(*)
502600.0716	25 l	

DERQUIM LM 02 Neutral, phosphates free LIQUID

pH solution 2%: 8-9. General use for sensitive material.

NC: 3402 20 90

Signal Word: Warning



H302

1l~1,01kg 1kg~0,99l

Order code	Package	Units/Box st.
502601.1231	3 l	4
502601.1214	5 l	4
502601.1315	10 l	(*)
502601.0716	25 l	

DERQUIM LM 03 Phosphates free LIQUID

pH solution 2%: 12-13. General use.

NC: 3402 20 90 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H302-H319-H315

1l~1,045kg 1kg~0,957l

Order code	Package	Units/Box st.
502602.1231	3 l	4
502602.1214	5 l	4
502602.1315	10 l	(*)
502602.0716	25 l	

Manual Wash Auxiliar:

DERQUIM MC Chromic Mixture

Brown and viscous solution, highly corrosive and oxidizer. For organical residue which can not be eliminated by detergents. D20/4>1,80.

NC: 2841 50 00 UN: 2240

IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809

Signal Word: Danger



H350i-H340-H272-H314-H317-H411

1l~1,826kg 1kg~0,548l

SPECIFICATIONS:

Density at 20/4 .....>1,80

Order code	Package	Units/Box st.
502612.2211	1000 ml	6

DERQUIM OXY (Substitute of Chromic Mixture) SOLID

preparation of oxidizing mixture with sulphuric acid for the cleaning of glass material

CAS: 7727-54-0 EINECS: 231-786-5 NC: 2833 40 00 UN: 1444

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

Order code	Package	Units/Box st.
506071.2322	12 x 10 g	6

Detergent Acid Solution RE

NC: 3822 00 00 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H315

1l~1,031kg 1kg~0,970l

Composition:

N-Cetyl-N,N,N-Trimethylammonium Bromide (in H_2SO_4 1 N).....20 g/l

Order code	Package	Units/Box st.
175055.1211	1000 ml	6
175055.1214	5 l	4

Detergent Neutral Solution RE

NC: 3822 00 00

1l~1,020kg 1kg~0,980l

Composition:

Sodium Dodecyl Sulphate.....30,0 g/l

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate.....18,6 g/l

di-Sodium tetra-Borate 10-hydrate.....6,8 g/l

di-Sodium Hydrogen Phosphate anhydrous.....4,6 g/l

Triethylene Glycol .....10 ml/l

pH: 7,0±0,1

Order code	Package	Units/Box st.
175054.1211	1000 ml	6
175054.1214	5 l	4

Detergents for washing of laboratory material

(see DERQUIM)

Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI

D_2O

M: 20,03 CAS: 7789-20-0 EINECS: 232-148-9 NC: 2845 10 00

1l~1,11kg 1kg~0,90l

SPECIFICATIONS:

Deuteration degree min. ..... 99,98 %

NMR suitability ..... p/t.

Order code	Package	Units/Box st.
745851.02130	10 x 0,75 ml	6
745851.1905	vial with septum 10 ml	6

Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI

D_2O

M: 20,03 CAS: 7789-20-0 EINECS: 232-148-9 NC: 2845 10 00

1l~1,11kg 1kg~0,90l

SPECIFICATIONS:

Deuteration degree min. ..... 99,8 %

NMR suitability ..... p/t.

Order code	Package	Units/Box st.
745849.1905	vial with septum 10 ml	6
745849.1608	100 ml	6
745849.1610	500 ml	6

Dextrin Yellow PS

$(C_6H_{10}O_5)_n.xH_2O$

M: (162,08)n CAS: 9004-53-9 EINECS: 232-675-4 NC: 3505 10 10

SPECIFICATIONS:

Identity.....IR p/t.

Loss on drying.....8 %

Order code	Package	Units/Box st.
15B002.1209	250 g	6
15B002.1211	1000 g	6

Dextrose

(see D(+)-Glucose)

DHP

(see 3,4-Dihydro-2H-Pyran)

Diacetone Alcohol

(see 4-Hydroxy-4-Methyl-2-Pentanone)

Diacetyl

(see 2,3-Butanedione)

Diacetyl Dioxime

(see Dimethylglyoxime)

Diacetyldioxime di-Sodium Salt

(see Dimethylglyoxime di-Sodium Salt 8-hydrate)

Diacetylmonoxime PA

$CH_3COC(CH_3)NOH$

M: 101,11 CAS: 57-71-6 EINECS: 200-348-5 NC: 2928 00 90

SPECIFICATIONS:

Minimum assay (N deter.).....99,0 %

Identity.....IR p/t.

Melting range.....74-76°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O.....p/t.

Insoluble matter in C_2H_5OH.....p/t.

Residue on ignition (as SO_4).....0,05 %

Sensitivity to urea.....p/t.

Sulphate (SO_4).....0,01 %

Cu.....0,001 %

Fe.....0,001 %

Ni.....0,001 %

Pb.....0,001 %

Order code	Package	Units/Box st.
122090.1606	25 g	6
122090.1608	100 g	6

2,6-Diaminocaproic Acid

(see Lysine)

(1R,2R)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1R,2R)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1R,2R)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S,2S)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S,2S)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S,2S)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

1,2-Diaminocyclohexane-N,N,N',N',-Tetraacetic Acid 1-hydrate (Reag. Ph. Eur.) PA-ACS

$C_{14}H_{22}N_2O_8.H_2O$

M: 364,36 CAS: 125572-95-4 EINECS: 236-308-9 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.) 97,5-100,5%
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH ..... p/t.
Residue on ignition (as SO_4) ..... 0,2 %
Heavy metals (as Pb) ..... 0,001 %
Fe ..... 0,005 %

Order code	Package	Units/Box st.
133534.1206	25 g P	6
133534.1208	100 g P	6

4,4'-Diaminobiphenyl

(see Benzidine)

1,2-Diaminoethane

(see Ethylenediamine)

1,6-Diaminohexane

(see Hexamethylenediamine)

2,6-Diaminohexanoic Acid

(see Lysine)

3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA

for determination of surfactants

$C_{20}H_{18}BrN_3$

M: 380,30 CAS: 518-67-2 EINECS: 208-256-7 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay (Spectrophotometric) (a.d.s.) ..... 95 %
Identity ..... IR p/t.
λ of max. ABS. in CH_3OH ..... 520-524 nm
A 1%, 1 cm, λmax ..... >150

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 5 %
Suitability for determination of surfactants ..... p/t.

Order code	Package	Units/Box st.
122844.1603	1 g	6
122844.1604	5 g	6

2,5-Diaminopentanoic Acid

(see Ornithine)

3,4-Diaminopyridine, 98% PS

$C_5H_7N_3$

M: 109,13 CAS: 54-96-6 EINECS: 200-220-9 NC: 2933 39 99 UN: 2811
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607
Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 217-220°C

Order code	Package	Units/Box st.
15A637.1603	1 g	6
15A637.1604	5 g	6

Diaphragms Cleaning Solution RV

for cleaning electrode diaphragms

NC: 3822 00 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H411

1l~1,013kg 1kg~0,987l

Composition:

Thiourea ..... 5,0 g
Hydrochloric Acid 0,1 mol/l s.q.m ..... 100 ml

Order code	Package	Units/Box st.
285251.1209	250 ml P	6

Diatomaceous Earth

(see Siliceous Earth purified and calcined)

Dibenzoyl

(see Benzil)

Dibenzoyl Peroxide

(see Benzoyl Peroxide)

1,3-Dibromobenzene, 97% PS

$C_6H_4Br_2$

M: 235,91 CAS: 108-36-1 EINECS: 203-574-2 NC: 2903 69 90
Signal Word: Warning



H319-H335-H315

1l~1,955kg 1kg~0,511l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C035.1605	10 ml	6
15C035.1607	50 ml	6

5',5"-Dibromo-o-Cresolsulphonphthalein

(see Bromocresol Purple)

2,3-Dibromopropionic Acid, 98% PS

$C_3H_4Br_2O_2$

M: 231,89 CAS: 600-05-5 EINECS: 209-981-1 NC: 2915 90 80 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B482.1606	25 g	6
15B482.1608	100 g	6

α,3-Dibromotoluene

(see 3-Bromobenzyl Bromide)

α,4-Dibromotoluene

(see 4-Bromobenzyl Bromide)

Di-n-Butylamine, 99% PS

$(C_4H_9)_2NH$

M: 129,25 CAS: 111-92-2 EINECS: 203-921-8 NC: 2921 19 80 UN: 2248
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Warning



H226-H332-H312-H302

1l~0,759kg 1kg~1,318l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,758-0,760
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15A777.1611	1000 ml	6
15A777.1214	5 l P	4

2,6-Di-tert-Butyl-p-Cresol

(see 2,6 Di-tert-Butyl-4-Methylphenol)

Di-tert-Butyl Dicarbonate, 98% PS

$C_{10}H_{18}O_5$

M: 218,24 CAS: 24424-99-5 EINECS: 246-240-1 NC: 2920 90 10 UN: 2929
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 603 CAO: 604
Signal Word: Danger



H226-H330-H319-H315-H317

1l~1,02kg 1kg~0,98l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A454.1606	25 ml	6
15A454.1608	100 ml	6

Di-n-Butyl Ether, 99% PS

$C_8H_{18}O$

M: 130,23 CAS: 142-96-1 EINECS: 205-575-3 NC: 2909 19 00 UN: 1149
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H319-H335-H315-H412

1l~0,768kg 1kg~1,302l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,766-0,769
Peroxides (as H_2O_2)	0,005 %*
Water (H_2O)	0,1 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
165521.1611	1000 ml	6
165521.1612	2,5 l	4

3,5-Di-tert-butyl-4-Hydroxytoluene

(see 2,6-Di-tert-Butyl-4-Methylphenol)

2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.) PRS-CODEX

$C_{15}H_{24}O$

M: 220,35 CAS: 128-37-0 EINECS: 204-881-4 NC: 2907 19 90
Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (as $C_{15}H_{24}O$)	99,0 %
Identity according to Pharmacopoieas	p/t.
Freezing range	69,2-70°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in CH_3OH	p/t.
Residue on ignition (as SO_4)	0,002 %
Related substances	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0003 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
142825.1210	500 g	6
142825.1211	1000 g	6
142825.0914	5 kg	4

2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.) ADITIO

$C_{15}H_{24}O$

M: 220,35 CAS: 128-37-0 EINECS: 204-881-4 NC: 2907 19 90
Signal Word: Warning



H302-H319

SPECIFICATIONS:

Assay (as $C_{15}H_{24}O$), not less than	99,0 %
Arsenic (as As), not more than	3 ppm
Phenolic impurities, not more than	0,5 %
Lead, not more than	5 ppm
Mercury (Hg), not more than	1 ppm
Heavy metals (as Pb), not more than	10 ppm
Residue on ignition, not more than	0,002 %
A 1%; 1 cm; λ278 nm (ethanol)	81-88
Melting range	69,2-70°C

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202825.0914	5 kg	
202825.0416	25 kg	

2,6-Di-tert-Butyl-4-Methylphenol, 98% PS

$C_{15}H_{24}O$

M: 220,35 CAS: 128-37-0 EINECS: 204-881-4 NC: 2907 19 90
Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Melting range	68-70°C

Order code	Package	Units/Box st.
162825.1209	250 g	6
162825.1211	1000 g	6

Di-n-Butyl Phthalate (Reag. USP, Ph. Eur.) PA

$(C_4H_9OOC)_2C_6H_4$

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Danger



H360Df-H400

1l~1,047kg 1kg~0,955l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/20	1,045-1,048
Refractive index n 20/D	1,491-1,493

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,01 %
Acidity	0,02 %
Water (H_2O)	0,05 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
121937.1608	100 ml	6
121937.1611	1000 ml	6

Di-n-Butyl Phthalate PRS

$(C_4H_9OOC)_2C_6H_4$

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Danger



H360Df-H400

1l~1,047kg 1kg~0,955l

SPECIFICATIONS:

Assay (C.G.)	98 %
Identity	IR p/t.
Density at 20/20	1,045-1,048
Residue on ignition (as SO_4)	0,01 %
1-Butanol (G.C.)	0,2 %
Acidity (as $C_8H_8O_2$)	0,02%
Water (H_2O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141937.1611	1000 ml	6
141937.1214	5 l	4
141937.0716	25 l	

Di-n-Butyl Phthalate, 99% PS

$(C_4H_9OOC)_2C_6H_4$

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Danger



H360Df-H400

1l~1,047kg 1kg~0,955l

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151937.1611	1000 ml	6
151937.1612	2,5 l	4

Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX

$(C_4H_9OOC)_2C_6H_4$

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Danger



H360Df-H400

1l~1,047kg 1kg~0,955l

SPECIFICATIONS:

Assay (Acidim.)	99,0-101,0 %
Identity according to Pharmacopoeias	p/t.
Density at 20/20	1,043-1,048
Refractive index n^{20}/D	1,490-1,495

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t.
Loss on drying at 105°C	1,0 %
Residue on ignition (as SO_4)	0,01 %
Residual solvents (Ph.Eur./USP)	p/t
1-Butanol (G.C.)	0,2 %
Acidity	p/t.
Related substances	1,0 %
Water (H_2O)	0,2 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %

Order code	Package	Units/Box st.
191937.1611	1000 ml	6

Di-tert-Butyl Pyrocarbonate

(see Di-tert-Butyl Dicarbonate)

Dichlobenil

(see 2,6-Dichlorobenzonitrile)

Dichloroacetic Acid, 98% PS

$CHCl_2COOH$

M: 128,94 CAS: 79-43-6 EINECS: 201-207-0 NC: 2915 40 00 UN: 1764
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H400

1l~1,567kg 1kg~0,638l

SPECIFICATIONS:

Minimum assay (G.C.) (as methyl ester) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,566-1,568

Order code	Package	Units/Box st.
15A678.1609	250 ml	6
15A678.1611	1000 ml	6

3',4'-Dichloroacetophenone, 98% PS

$C_8H_6Cl_2O$

M: 189,04 CAS: 2642-63-9 EINECS: 220-146-0 NC: 2914 39 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C043.1206	25 g	6
15C043.1208	100 g	6

3,4-Dichlorobenzaldehyde, 98% PS

$C_7H_4Cl_2O$

M: 175,01 CAS: 6287-38-3 EINECS: 228-520-5 NC: 2913 00 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H314

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C075.1604	5 g	6
15C075.1606	25 g	6

1,2-Dichlorobenzene (UV-HPLC-GPC) PAI

$C_6H_4Cl_2$

M: 147,00 CAS: 95-50-1 EINECS: 202-425-9 NC: 2903 61 00 UN: 1591
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H302-H319-H335-H315-H410

1l~1,307kg 1kg~0,765l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 1,305-1,308

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0005 meq/g
Water (H_2O) ..... 0,02 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	296 (Cut off)	300	336	380-450
A (AU)	1,000	0,301	0,051	0,009
T (%)	10	50	89	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361892.1611	1000 ml	6

1,2-Dichlorobenzene (Reag. USP, Ph. Eur.) PA

$C_6H_4Cl_2$

M: 147,00 CAS: 95-50-1 EINECS: 202-425-9 NC: 2903 61 00 UN: 1591
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H302-H319-H335-H315-H410

1l~1,307kg 1kg~0,765l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/20 1,299-1,301
Refractive index n 25/D 1,548-1,550

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
1,3-Dichlorobenzene (G.C.) ..... 0,2 %
1,4-Dichlorobenzene (G.C.) ..... 0,2 %
Acidity ..... 0,0005 meq/g
Water (H_2O) ..... 0,02 %
Chloride (Cl) ..... 0,0001 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
121892.1611	1000 ml	6

1,2-Dichlorobenzene, 98% PS

$C_6H_4Cl_2$

M: 147,00 CAS: 95-50-1 EINECS: 202-425-9 NC: 2903 61 00 UN: 1591
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H302-H319-H335-H315-H410

1l~1,307kg 1kg~0,765l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,305-1,308
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
161892.1611	1000 ml	6
161892.1612	2,5 l	4
161892.1214	5 l	4

1,3-Dichlorobenzene, 98% PS

$C_6H_4Cl_2$

M: 147,00 CAS: 541-73-1 EINECS: 208-792-1 NC: 2903 69 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H302-H411

1l~1,288kg 1kg~0,776l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,287-1,289
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
15A592.1609	250 ml	6
15A592.1611	1000 ml	6

1,4-Dichlorobenzene, 99% PS

$C_6H_4Cl_2$

M: 147,00 CAS: 106-46-7 EINECS: 203-400-5 NC: 2903 61 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H319-H351-H410

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 52-55°C
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A598.1210	500 g	6
15A598.1211	1000 g	6
15A598.0914	5 kg	
15A598.0416	25 kg	

1,2-Dichlorobenzene-Phenol

(see Phenol-1,2-Dichlorobenzene)

2,6-Dichlorobenzonitrile, 97% PS

$C_7H_3Cl_2N$

M: 172,01 CAS: 1194-65-6 EINECS: 214-787-5 NC: 2926 90 95 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H312-H411

SPECIFICATIONS:
Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B554.1606	25 g	6
15B554.1608	100 g	6

3,4-Dichlorocinnamic Acid, 97% PS

$C_9H_6Cl_2O_2$

M: 217,04 CAS: 1202-39-7 EINECS: 214-866-4 NC: 2916 39 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:
Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C140.1606	25 g	6
15C140.1608	100 g	6

2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone, 98% PS

$C_8Cl_2N_2O_2$

M: 227,01 CAS: 84-58-2 EINECS: 201-542-2 NC: 2914 69 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H330-EUH029

SPECIFICATIONS:
Assay (Iodom.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A251.1605	10 g	6
15A251.1608	100 g	6

1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI

$ClCH_2ClCH_2$

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 1,246-1,255
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0002 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,02 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell, Ref.: water)

λ (nm)	228 (Cut off)	240	245	250	260-400
A (AU)	1,000	0,071	0,046	0,022	0,009
T (%)	10	85	90	95	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 3,5
Eluotropic value ε°(Al_2O_3) 0,44
Sol. H_2O in solv. at 20°C 0,16
P' + 0,25 ε 6,3
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361286.1611	1000 ml	6
361286.1612	2,5 l	4

1,2-Dichloroethane dry (max. 0,005% water) DS-ACS

$ClCH_2ClCH_2$

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 1,246-1,255
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Dichloromethane (G.C.) ..... 0,05 %
Tetrachloroethylene (G.C.) ..... 0,05 %
Trichloroethylene (G.C.) ..... 0,05 %
Trichloromethane (G.C.) ..... 0,05 %
Reducing substances to $KMnO_4$ (as O) ..... 0,001 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,0003 meq/g
Water (H_2O) ..... 0,005 %
Chlorine (Cl) ..... 0,0001 %
Chloride (Cl) ..... 0,0001 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
481286.1611	1000 ml	6

1,2-Dichloroethane (Reag. Ph. Eur.) PA-ACS

$ClCH_2ClCH_2$

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 1,246-1,255
Distillation range (>95% dist.) ..... 82-84°C
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Dichloromethane (G.C.) ..... 0,05 %
Trichloromethane (G.C.) ..... 0,05 %
Tetrachloroethylene (G.C.) ..... 0,05 %
Trichloroethylene (G.C.) ..... 0,05 %
Reducing substances to $KMnO_4$ (as O) ..... 0,001 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,0003 meq/g
Water (H_2O) ..... 0,03 %
Chlorine (Cl) ..... 0,0001 %
Chloride (Cl) ..... 0,0001 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
131286.1611	1000 ml	6
131286.1612	2,5 l	4
131286.1714	5 l	4
131286.0616	25 l	

1,2-Dichloroethane PRS

$ClCH_2ClCH_2$

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,246-1,255
Non-volatile matter	0,005 %
Dichloromethane (G.C.)	0,1 %
Tetrachloroethylene (G.C.)	0,1 %
Trichloroethylene (G.C.)	0,1 %
Trichloromethane (G.C.)	0,1 %
Acidity	0,0008 meq/g
Water (H_2O)	0,2 %
Chloride (Cl)	0,0005 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141286.1611	1000 ml	6
141286.1612	2,5 l	4
141286.1714	5 l	4
141286.0616	25 l	

1,2-Dichloroethane, 99,5% PS

$ClCH_2ClCH_2$

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	1,246-1,255
Non-volatile matter	0,005 %
Acidity (as HCl)	0,001 %
Water (H_2O)	0,03 %

Order code	Package	Units/Box st.
161286.1611	1000 ml	6
161286.1612	2,5 l	4
161286.1714	5 l	4
161286.0616	25 l	

Dichloroethanoic Acid

(see Dichloroacetic Acid)

2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS

$C_{20}H_{10}Cl_2O_5$

M: 401,20 CAS: 76-54-0 EINECS: 200-968-6 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in ethanol 70%	p/t.
Suitability as adsorption indicator	p/t.
Cu	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
133606.1604	5 g	6
133606.1606	25 g	6

2',7'-Dichlorofluorescein in 2-propanol, TLC developer RE

$C_{20}H_{10}Cl_2O_5$

M: 401,20 CAS: 76-54-0 NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

Composition:

2',7'-Dichlorofluorescein	0,1 g
2-Propanol	100 ml

Order code	Package	Units/Box st.
174256.1608	100 ml	6

1,3-Dichloro-4-Fluorobenzene, 99% PS

$C_6H_3Cl_2F$

M: 164,99 CAS: 1435-48-9 NC: 2903 69 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H302-H315-H373-H332-H411

1l~1,409kg 1kg~0,710l

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15B834.1604	5 ml	6
15B834.1606	25 ml	6

2,4-Dichlorofluorobenzene

(see 1,3-Dichloro-4-Fluorobenzene)

2,6-Dichloroindophenol Sodium Salt

(see 2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate)

Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS

CH_2Cl_2

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Density at 20/4	1,322-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Chlorine (Cl)	0,0001 %
Water (H_2O)	0,01 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	233 (Cut off)	235	240	245	255	260-400
A (AU)	1,000	0,523	0,155	0,046	0,009	0,004
T (%)	10	30	70	90	98	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	3,1
Eluotropic value E°(Al_2O_3)	0,42
Sol. H_2O in solv. at 20°C	0,17
P' + 0,25 E	5,6

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361254.1611	1000 ml	6
361254.1612	2,5 l	4
361254.1616	25 l	

Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI

CH_2Cl_2

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	1,322-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,0003 meq/g
Alkalinity	0,0003 meq/g
Water (H_2O)	0,02 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol)	p/t.

Order code	Package	Units/Box st.
321254.1611	1000 ml	6
321254.1612	2,5 l	4
321254.1646	4 l	4

Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO

CH_2Cl_2

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Identity	IR p/t.
Density at 20/4	1,323-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Ethanol (G.C.)	0,05 %
Carbon Tetrachloride (G.C.)	0,01 %
Trichloromethane (G.C.)	0,05 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0003 meq/g
Water (H_2O)	0,005 %
Chlorine (Cl)	0,0001 %
Formaldehyde (HCHO)	0,0001 %
Chloride (Cl)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Ga	0,02	Sb	0,02
Al	0,5	Ge	0,05	Si	0,2
As	0,05	Hg	0,05	Sn	0,1
Au	0,05	In	0,05	Sr	0,2
B	0,02	K	0,1	Ti	0,02
Ba	0,1	Li	0,05	Tl	0,02
Be	0,02	Mg	0,1	V	0,02
Bi	0,05	Mn	0,02	Zn	0,1
Ca	0,5	Mo	0,02	Zr	0,02
Cd	0,05	Na	0,5		
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		
Fe	0,1	Pt	0,02		

Order code	Package	Units/Box st.
481254.1611	1000 ml	6

Dichloromethane stabilized with amylene PA-ACS-ISO

CH_2Cl_2

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	1,323-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Ethanol (G.C.)	0,05 %
Carbon Tetrachloride (G.C.)	0,01 %
Trichloromethane (G.C.)	0,05 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0003 meq/g
Water (H_2O)	0,02 %
Chlorine (Cl)	0,0001 %
Formaldehyde (HCHO)	0,0001 %
Chloride (Cl)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,02
Al	0,5	Fe	0,1	P	0,2
As	0,05	Ga	0,02	Pb	0,1
Au	0,05	Ge	0,05	Pt	0,02
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	In	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
				Zr	0,02

Order code	Package	Units/Box st.
131254.1611	1000 ml	6
131254.1612	2,5 l	4
131254.1714	5 l	4
131254.0616	25 l	

Dichloromethane stabilized with amylene (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CH_2Cl_2

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t.
Density at 20/20	1,320-1,332
Density at 25/25	1,318-1,322
Refractive index n ^{20}/D	1,423-1,425

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t.
Non-volatile matter	0,002 %
Residual solvents (Ph.Eur./USP)	p/t.
Ethanol, 2-Methyl-2-Butene and volatile impurities (v/v) :	
Ethanol	2,0%
2-Methyl-2-Butene	0,03%
Carbon Tetrachloride	0,001%
Trichloromethane	0,005%
Total of impurities other than ethanol and 2-Methyl-2-Butene	0,1%
Acidity (as HCl)	0,001 %
Water (H_2O)	0,02 %
Free chlorine (Cl)	p/t.
Chloride (Cl)	0,0003 %
Heavy metals (as Pb)	0,0001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141254.1611	1000 ml	6
141254.1612	2,5 l	4
141254.1714	5 l	4
141254.0616	25 l	

Dichloromethane stabilized with amylene (F.C.C.) ADITIO

extraction solvent for industrial food use
CH_2Cl_2
M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Assay (as CH_2Cl_2), not more than	99,0 %
Acidity (as HCl), not more than	10 ppm
Distillation range	39,5-40,5°C
Free halogens	p/t.
Non-volatile residue, not more than	0,002 %
Specific gravity	1,318-1,323
Water, not more than	0,02 %
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm

Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201254.1714	5 l	4
201254.0616	25 l	

Dichloromethane, 99,8% stabilized with amylene PS

CH_2Cl_2
M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	1,323-1,325
Non-volatile matter	0,001 %
Acidity (as HCl)	0,001 %
Water (H_2O)	0,02 %

Order code	Package	Units/Box st.
161254.1611	1000 ml	6
161254.1612	2,5 l	4
161254.1714	5 l	4
161254.0616	25 l	
161254.0619	200 l	

Dichloromethane stabilized with amylene QP

CH_2Cl_2
M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Assay (G.C.)	98 %
Density at 20/4	1,322-1,326
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
211254.1611	1000 ml	6
211254.1612	2,5 l	4
211254.1714	5 l	4
211254.0616	25 l	

Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol DS-ACS-ISO

CH_2Cl_2
M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.) (stabilizer not included)	99,9 %
Identity	IR p/t.
Density at 20/4	1,323-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Ethanol (G.C.)	~0,2 %
Carbon Tetrachloride (G.C.)	0,01 %
Trichloromethane (G.C.)	0,05 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0003 meq/g
Water (H_2O)	0,005 %
Chlorine (Cl)	0,0001 %
Formaldehyde (HCHO)	0,0001 %
Chloride (Cl)	0,0001 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
483675.1611	1000 ml	6

Dichloromethane, 99,8% stabilized with ~0,2% of ethanol PS

CH_2Cl_2
M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.) (stabilizer not included)	99,8 %
Identity	IR p/t.
Density at 20/4	1,323-1,325
Non-volatile matter	0,002 %
Ethanol (G.C.)	~0,2 %
Acidity (as HCl)	0,001 %
Water (H_2O)	0,02 %

Order code	Package	Units/Box st.
163675.1611	1000 ml	6
163675.1612	2,5 l	4
163675.1714	5 l	4
163675.0616	25 l	
163675.0619	200 l	

Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI

CD_2Cl_2
M: 86,95 CAS: 1665-00-5 EINECS: 216-776-0 NC: 2845 90 10 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,36kg 1kg~0,74l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,01 %

Order code	Package	Units/Box st.
745854.02130	10 x 0,75 ml	6
745854.1605	10 ml	6

D

Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI

CD_2Cl_2

M: 86,95 CAS: 1665-00-5 EINECS: 216-776-0 NC: 2845 90 10 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,36kg 1kg~0,74l

SPECIFICATIONS:

Deuteration degree min. ..... 99,8 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,02 %

Order code	Package	Units/Box st.
745853.1605	10 ml	6

Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI

CD_2Cl_2

M: 86,95 CAS: 1665-00-5 EINECS: 216-776-0 NC: 2845 90 10 UN: 1593
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351

1l~1,36kg 1kg~0,74l

SPECIFICATIONS:

Deuteration degree min. ..... 99,5 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745852.1605	10 ml	6

2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS

$C_{12}H_6Cl_2NNaO_2.2H_2O$

M: 326,09 CAS: 620-45-1 EINECS: 210-640-4 NC: 2907 19 90

SPECIFICATIONS:

Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 120°C ..... 12,0 %
Foreign dyes ..... p/t.

Order code	Package	Units/Box st.
132056.1604	5 g	6
132056.1606	25 g	6

Dicyandiamide

(see 1-Cyanoguanidine)

N,N'-Dicyclohexylcarbodiimide, 98% PS

$C_{13}H_{22}N_2$

M: 206,33 CAS: 538-75-0 EINECS: 208-704-1 NC: 2925 19 95 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H302-H311-H318-H317

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 33-36 °C

Order code	Package	Units/Box st.
15A829.1608	100 g	6
15A829.1609	250 g	6
15A829.1611	1000 g	6

Dicyclopentadiene, 90% stabilized with 100-200 ppm of tert-butylphenolene PS

$C_{10}H_{12}$

M: 132,21 CAS: 77-73-6 EINECS: 201-052-9 NC: 2902 19 80 UN: 2048
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225-H332-H302-H319-H335-H315-H411

CE: 601-044-00-9

1l~0,977kg 1kg~1,023l

SPECIFICATIONS:

Assay (G.C.) ..... ~90 %
Density at 20/4 0,976-0,979

Order code	Package	Units/Box st.
15A760.1611	1000 ml	6
15A760.1612	2,5 l	4

Dicyclopropylketone, 98% PS

$C_7H_{10}O$

M: 110,16 CAS: 1121-37-5 EINECS: 214-331-5 NC: 2914 29 00 UN: 1224
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226

1l~0,977kg 1kg~1,023l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A039.1606	25 ml	6
15A039.1608	100 ml	6

Diethanolamine PA-ACS

$NH(CH_2CH_2OH)_2$

M: 105,14 CAS: 111-42-2 EINECS: 203-868-0 NC: 2922 12 00
Signal Word: Danger



H302-H315-H318-H373

1l~1,09kg 1kg~0,91l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Apparent equivalent weight 104,0-106,0
Freezing point ..... 27-28°C

MAXIMUM LIMIT OF IMPURITIES

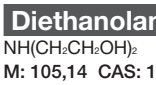
APHA colour 15
Residue on ignition (as SO_4) ..... 0,002 %
Ethanolamine (G.C.) ..... 0,3 %
Triethanolamine (G.C.) ..... 0,3 %
Chloride (Cl) ..... 0,001 %
Water (H_2O) ..... 0,15 %
Heavy metals (as Pb) ..... 0,0001 %
Fe ..... 0,0001 %

Order code	Package	Units/Box st.
131287.1611	1000 ml	6

Diethanolamine, 98% PS

$NH(CH_2CH_2OH)_2$

M: 105,14 CAS: 111-42-2 EINECS: 203-868-0 NC: 2922 12 00
Signal Word: Danger



H302-H315-H318-H373

1l~1,09kg 1kg~0,91l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Freezing point ..... 25-28°C
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
161287.1611	1000 ml	6
161287.1612	2,5 l	4
161287.1214	5 l	4
161287.0716	25 l	

Diethylamine (Reag. USP, Ph. Eur.) PA-ACS

$NH(C_2H_5)_2$

M: 73,14 CAS: 109-89-7 EINECS: 203-716-3 NC: 2921 19 50 UN: 1154
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H225-H332-H312-H302-H314

1l~0,703kg 1kg~1,422l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 25/4 0,700-0,705
Boiling range ..... 55-58°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20
Non-volatile matter ..... 0,01 %
Ethanol (G.C.) ..... 0,05 %
Monoethylamine (G.C.) ..... 0,2 %
Triethylamine (G.C.) ..... 0,2 %
Water (H_2O) ..... 0,1 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
131288.1611	1000 ml	6
131288.1612	2,5 l	4
131288.1714	5 l	4
131288.0616	25 l	

Diethylamine, 99,5% PS

$NH(C_2H_5)_2$

M: 73,14 CAS: 109-89-7 EINECS: 203-716-3 NC: 2921 19 50 UN: 1154
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
Signal Word: Danger



H225-H332-H312-H302-H314

1l~0,703kg 1kg~1,422l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 25/4	0,700-0,705
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
161288.1611	1000 ml	6
161288.1612	2,5 l	4
161288.1714	5 l	4

5,5-Diethylbarbituric Acid PA

$C_8H_{12}N_2O_3$

M: 184,20 CAS: 57-44-3 EINECS: 200-331-2 NC: 2933 54 00
Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.) calc. a.d.s	99,0 %
Identity	IR p/t.
Melting range	188-192°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH	p/t.
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Acidity	p/t.
Heavy metals (as Pb)	0,003 %

Order code	Package	Units/Box st.
121025.1208	100 g	6
121025.1209	250 g	6
121025.1210	500 g	6

5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.) PRS-CODEX

$C_8H_{12}N_2O_3$

M: 184,20 CAS: 57-44-3 EINECS: 200-331-2 NC: 2933 54 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay calc. a.d.s	99,0-101,0%
Identity according to Pharmacopoeias	p/t.
Melting range	188-192°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in NaOH	p/t.
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t.
Related substances	p/t.
Acidity	p/t.
Heavy metals (as Pb)	0,003 %

Order code	Package	Units/Box st.
141025.1208	100 g	6

Diethylbarbituric Acid Sodium Salt

(see Sodium 5,5-Diethylbarbiturate)

Diethylene Dioxide

(see 1,4-Dioxan)

Diethylene Glycol (Reag. USP, Ph. Eur.) PA

$O(CH_2CH_2OH)_2$

M: 106,12 CAS: 111-46-6 EINECS: 203-872-2 NC: 2909 41 00
Signal Word: Warning



H302

1l~1,117kg 1kg~0,895l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	1,117-1,120
Distillation range	244-246°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0,005 %
Acidity (as CH_3COOH)	0,005 %
Ethylene Glycol (G.C.)	0,06 %
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
121289.1611	1000 ml	6

Diethylene Glycol, 98% PS

$O(CH_2CH_2OH)_2$

M: 106,12 CAS: 111-46-6 EINECS: 203-872-2 NC: 2909 41 00
Signal Word: Warning



H302

1l~1,117kg 1kg~0,895l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	1,115-1,118
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
151289.1611	1000 ml	6
151289.1212	2,5 l	4
151289.1214	5 l	4
151289.0716	25 l	

Diethylene Glycol mono-Butyl Ether, 98% PS

$C_8H_{18}O_3$

M: 162,23 CAS: 112-34-5 EINECS: 203-961-6 NC: 2909 43 00
Signal Word: Warning



H319

1l~0,953kg 1kg~1,048l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,953-0,954
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
15A783.1211	1000 ml	6

Diethylene Glycol mono-Butyl Ether Acetate, 98% PS

$C_{10}H_{20}O_4$

M: 204,30 CAS: 124-17-4 EINECS: 204-685-9 NC: 2915 39 80
1l~0,979kg 1kg~1,021l

SPECIFICATIONS:

Assay	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C337.1609	250 ml	6
15C337.1611	1000 ml	6

Diethylene Glycol Diethyl Ether, 98% PS

$C_8H_{18}O_3$

M: 162,23 CAS: 112-36-7 EINECS: 203-963-7 NC: 2909 19 00
1l~0,901kg 1kg~1,109l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A024.1610	500 ml	6

Diethylene Glycol mono-Ethyl Ether, 98% PS

$C_6H_{14}O_3$

M: 134,17 CAS: 111-90-0 EINECS: 203-919-7 NC: 2909 44 00
Signal Word: Warning



H319

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:

Minimum assay	98 %
Identity	IR p/t.
Density at 20/4	0,983-0,991
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
15A784.1211	1000 ml	6

Diethylene Glycol mono-Methyl Ether, 98% PS

$C_5H_{12}O_3$

M: 120,15 CAS: 111-77-3 EINECS: 203-906-6 NC: 2909 44 00
Signal Word: Warning



H361d

1l~1,020kg 1kg~0,980l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	1,020-1,022
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
15A786.1211	1000 ml	6

Diethylene Oxide

(see Tetrahydrofuran)

Diethylenetriamine, 98% PS

$C_4H_{13}N_3$

M: 103,17 CAS: 111-40-0 EINECS: 203-865-4 NC: 2921 29 00 UN: 2079
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H312-H302-H314-H317

1l~0,951kg 1kg~1,051l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,950-0,952
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
15A765.1611	1000 ml	6
15A765.1214	5 l	4
15A765.0716	25 l	

Diethylentriaminepentaacetic Acid PA

$C_{14}H_{23}N_3O_{10}$

M: 393,35 CAS: 67-43-6 EINECS: 200-652-8 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay (Compl.)	99 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH 1 mol/l	p/t.
Heavy metals (as Pb)	0,0005 %
Ba	0,0005 %
Ca	0,01 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,001 %
K	0,05 %
Mg	0,002 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
124745.1208	100 g	6
124745.1210	500 g	6

Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,714kg 1kg~1,401l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Density at 20/4	0,713-0,715

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Peroxides (as H_2O_2)	0,0001 %*
Ethanol (G.C.)	~2 %
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,05 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	220 (Cut off)	230	250	280	300-400
A (AU)	1,000	0,456	0,102	0,071	0,009
T (%)	10	35	79	85	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2,0	2,0

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	2,8
Eluotropic value E°(Al_2O_3)	0,38
Sol. H_2O in solv. at 20°C	1,3
P' + 0,25 E	4,0

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
362551.1611	1000 ml	6

Diethyl Ether stabilized with ethanol (PAR) PAI

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,714kg 1kg~1,401l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,713-0,715

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Peroxides (as H_2O_2)	0,0001 %*
Ethanol (G.C.)	~2 %
Acidity	0,0002 meq/g
Water (H_2O)	0,1 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l

*At the moment of the batch analysis

Order code	Package	Units/Box st.
322551.1611	1000 ml	6

Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,715kg 1kg~1,399l

SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Identity	IR p/t.
Density at 20/4	0,713-0,715

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Peroxides (as H_2O_2)	0,00003 %*
Acetone (G.C.)	0,005 %
Ethanol (G.C.)	0,05 %
Methanol (G.C.)	0,02 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0002 meq/g
Carbonyl compounds (as HCHO)	0,001 %
Water (H_2O)	0,0075 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Ga 0,02	S 0,2
Al 0,5	Ge 0,05	Sb 0,02
As 0,05	Hg 0,05	Si 0,2
Au 0,05	In 0,05	Sn 0,1
B 0,02	K 0,1	Sr 0,2
Ba 0,1	Li 0,05	Ti 0,02
Be 0,02	Mg 0,1	Tl 0,02
Bi 0,05	Mn 0,02	V 0,02
Ca 0,5	Mo 0,02	Zn 0,1
Cd 0,05	Na 0,5	Zr 0,02
Co 0,02	Ni 0,02	
Cr 0,02	P 0,2	
Cu 0,02	Pb 0,1	
Fe 0,1	Pt 0,02	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
482770.0311	1000 ml	6

Diethyl Ether stabilized with ~6 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,715kg 1kg~1,399l

SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Identity	IR p/t.
Density at 20/20	0,713-0,715
Boiling range	34-35°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Peroxides (as H_2O_2)	0,00003 %*
Acetone (G.C.)	0,005 %
Ethanol (G.C.)	0,05 %
Methanol (G.C.)	0,02 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0002 meq/g
Carbonyl compounds (as HCHO)	0,001 %
Water (H_2O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,1	P 0,2	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
132770.0311	1000 ml	6
132770.0314	5 l	4
132770.0316	25 l	

Diethyl Ether stabilized with ~6 ppm of BHT PRS

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,715kg 1kg~1,399l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,713-0,715
Non-volatile matter	0,005 %
Peroxides (as H_2O_2)	0,0001 %*
Acetone (G.C.)	0,01 %
Ethanol (G.C.)	0,1 %
Methanol (G.C.)	0,05 %
Acidity	0,001 meq/g
Water (H_2O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
142770.0311	1000 ml	6
142770.0314	5 l	4
142770.0616	25 l	

Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,715kg 1kg~1,399l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Distillation range	34,0-35,0°C
Identity according to Pharmacopoeias	p/t.
Density at 20/20	0,714-0,716

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,002 %
Peroxides (as H_2O_2)	p/t.*
Acidity	p/t.
Carbonyl compounds	p/t.
Odorous substances	p/t.
Water (H_2O)	0,2 %
Residual solvents (Ph.Eur.)	p/t.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
192770.1608	100 ml	6
192770.0311	1000 ml	6

Diethyl Ether, 99,7% stabilized with ~6 ppm of BHT PS

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,715kg 1kg~1,399l

SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Identity	IR p/t.
Density at 20/4	0,713-0,715
Non-volatile matter	0,002 %
Peroxides (as H_2O_2)	0,0001 %*
Water (H_2O)	0,05 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
162770.0311	1000 ml	6
162770.0314	5 l	4
162770.0616	25 l	
162770.0619	200 l	

Diethyl Ether stabilized with ~6 ppm of BHT QP

$C_2H_5OC_2H_5$

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,715kg 1kg~1,399l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	0,713-0,717
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
212770.0311	1000 ml	6
212770.0314	5 l	4
212770.0616	25 l	
212770.0619	200 l	

Diethylketone, 99% PS

$C_5H_{10}O$

M: 86,13 CAS: 96-22-0 EINECS: 202-490-3 NC: 2914 19 90 UN: 1156
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H335-EUH066-H336

1l~0,814kg 1kg~1,229l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,813-0,815

Order code	Package	Units/Box st.
15A763.1608	100 ml	6
15A763.1610	500 ml	6

Diethyl Malonate, 99% PS

$C_7H_{12}O_4$

M: 160,17 CAS: 105-53-3 EINECS: 203-305-9 NC: 2917 19 10

1l~1,052kg 1kg~0,950l

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A175.1610	500 ml	6

Diethyl Octanedioate

(see Diethyl Suberate)

Diethyl Oxalate, 98,5% PS

$(COO.C_2H_5)_2$

M: 146,14 CAS: 95-92-1 EINECS: 202-464-1 NC: 2917 11 00 UN: 2525

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H319

1l~1,079kg 1kg~0,927l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 1,076-1,079
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
15A767.1611	1000 ml	6
15A767.1214	5 l (P)	4
15A767.0716	25 l (P)	

Diethyl Oxide

(see Diethyl Ether)

Diethyl Phthalate (USP-NF, BP, Ph. Eur.) CODEX

$C_{12}H_{14}O_4$

M: 222,24 CAS: 84-66-2 EINECS: 201-550-6 NC: 2917 34 00

RTECS: TI 1050000 VLA-ED: 5 mg/m³

Signal Word: Warning



H319-H335-H315

1l~1,118kg 1kg~0,894l

SPECIFICATIONS:

Assay (Acidim.) ..... 99,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 1,118-1,121
Refractive index n^{20}/D 1,500-1,505
MAXIMUM LIMIT OF IMPURITIES
Appearance ..... p/t.
Residue on ignition (as SO_4) ..... 0,02 %
Acidity ..... p/t.
Water (H_2O) ..... 0,2 %
Related substances ..... p/t.

Order code	Package	Units/Box st.
192372.0716	25 l (P)	

Diethyl Phthalate, 99% PS

$C_{12}H_{14}O_4$

M: 222,24 CAS: 84-66-2 EINECS: 201-550-6 NC: 2917 34 90

Signal Word: Warning



H319-H335-H315

1l~1,118kg 1kg~0,894l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,117-1,119
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15A766.1211	1000 ml (P)	6
15A766.1212	2,5 l (P)	4
15A766.0716	25 l (P)	

Diethyl Suberate, 98% PS

$C_{12}H_{22}O_4$

M: 230,31 CAS: 2050-23-9 EINECS: 218-084-4 NC: 2917 19 90

1l~0,982kg 1kg~1,018l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B999.1607	50 ml	6
15B999.1609	250 ml	6

Diethyl Sulphate, 99% PS

$C_4H_{10}O_4S$

M: 154,19 CAS: 64-67-5 EINECS: 200-589-6 NC: 2920 90 10 UN: 1594

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H340-H332-H312-H302-H314

1l~1,177kg 1kg~0,850l

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15B003.1611	1000 ml	6

Diethyl D(-)-Tartrate, 99% PS

$C_8H_{14}O_6$

M: 206,19 CAS: 13811-71-7 EINECS: 237-458-8 NC: 2918 13 00

1l~1,205kg 1kg~0,830l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A240.1604	5 ml	6
15A240.1606	25 ml	6

Diethyl L(+)-Tartrate, 99% PS

$C_8H_{14}O_6$

M: 206,19 CAS: 87-91-2 EINECS: 201-783-3 NC: 2918 13 00

1l~1,204kg 1kg~0,831l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A241.1608	100 ml	6
15A241.1610	500 ml	6

2',4'-Difluoroacetophenone, 98% PS

$C_8H_6F_2O$

M: 156,13 CAS: 364-83-0 EINECS: 206-667-6 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

1l~1,232kg 1kg~0,812l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A333.1603	1 ml	6
15A333.1604	5 ml	6

3',4'-Difluoroacetophenone, 98% PS

$C_8H_6F_2O$

M: 156,13 CAS: 369-33-5 EINECS: 206-717-7 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

1l~1,246kg 1kg~0,803l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C042.1603	1 ml	6
15C042.1604	5 ml	6

2,4-Difluoroaniline, 99% PS

$C_6H_5F_2N$

M: 129,11 CAS: 367-25-9 EINECS: 206-687-5 NC: 2921 42 10

1l~1,282kg 1kg~0,780l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B547.1605	10 ml	6
15B547.1606	25 ml	6

3,4-Difluorobenzaldehyde, 98% PS

$C_6H_4F_2CHO$

M: 142,11 CAS: 34036-07-2 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

1l~1,288kg 1kg~0,776l

SPECIFICATIONS:

Minimum assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A010.1604	5 ml	6
15A010.1606	25 ml	6

3,5-Difluorobenzaldehyde, 98% PS

$C_7H_4F_2O$

M: 142,10 CAS: 32085-88-4 NC: 2913 00 00 UN: 1989

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C086.1603	1 g	6
15C086.1604	5 g	6

1,2-Difluoro-4-Nitrobenzene, 98,5% PS

$C_6H_3F_2NO_2$

M: 159,09 CAS: 369-34-6 EINECS: 206-718-2 NC: 2904 90 85

Signal Word: Danger



H319-H335-H315-H334-H317

1l~1,437kg 1kg~0,696l

SPECIFICATIONS:

Assay ..... 98,5 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B958.1604	5 ml	6
15B958.1606	25 ml	6

1,3-Difluoro-4-Nitrobenzene, 98% PS

$C_6H_3F_2NO_2$

M: 159,09 CAS: 446-35-5 EINECS: 207-167-0 NC: 2904 90 85 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H373

1l~1,450kg 1kg~0,690l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B831.1606	25 ml	6
15B831.1608	100 ml	6

2,4-Difluoronitrobenzene

(see 1,3-Difluoro-4-Nitrobenzene)

3,4-Difluoronitrobenzene

(see 1,2-Difluoro-4-Nitrobenzene)

Diglycine

(see Glycylglycine)

Di-n-Heptyl Phthalate, 98% PS

$C_{22}H_{34}O_4$

M: 362,50 CAS: 3648-21-3 EINECS: 222-885-4 NC: 2917 34 90

1l~0,992kg 1kg~1,008l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C000.1605	10 ml	6
15C000.1607	50 ml	6

10,11-Dihydro-5H-Dibenz[b,f]Azepine

(see Iminodibenzyl)

Dihydro-2,5-Furandione

(see Succinic Anhydride)

9,10-Dihydro-9-Oxoanthracene

(see Anthrone)

3,4-Dihydro-2H-Pyran, 98% PS

C_5H_8O

M: 84,12 CAS: 110-87-2 EINECS: 203-810-4 NC: 2932 99 85 UN: 2376

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H332-H319-H315

1l~0,928kg 1kg~1,077l

SPECIFICATIONS:

Minimum assay ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,926-0,929
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
15A638.1608	100 ml	6
15A638.1610	500 ml	6

(2R)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(2S)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Dihydroresorcinol

(see 1,3-Cyclohexanedione)

1,2-Dihydroxyanthraquinone

(see Alizarin)

3,4-Dihydroxybenzaldehyde, 98% PS

$C_7H_6O_3$

M: 138,12 CAS: 139-85-5 EINECS: 205-377-7 NC: 2912 30 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A438.1606	25 g	6
15A438.1608	100 g	6

1,2-Dihydroxybenzene

(see Pyrocatechol)

1,3-Dihydroxybenzene

(see Resorcinol)

1,4-Dihydroxybenzene

(see Hydroquinone)

3,4-Dihydroxybenzoic Acid, 98% PS

$C_7H_6O_4$

M: 154,12 CAS: 99-50-3 EINECS: 202-760-0 NC: 2918 29 30

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A437.1606	25 g	6
15A437.1608	100 g	6

3,5-Dihydroxybenzoic Acid, 99% PS

$C_7H_6O_4$

M: 154,12 CAS: 99-10-5 EINECS: 202-730-7 NC: 2918 99 90

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 235-237°C

Order code	Package	Units/Box st.
15B604.1206	25 g	6
15B604.1208	100 g	6
15B604.1211	1000 g	6

1,3-Dihydroxybutane

(see 1,3-Butanediol)

1,4-Dihydroxybutane
(see 1,4-Butanediol)

3,4-Dihydroxycinnamic Acid
(see Caffeic Acid)

2,2'-Dihydroxydiethyl Ether
(see Diethylene Glycol)

2,6-Dihydroxyisonicotinic Acid
(see Citrazinic Acid)

D(-)-Dihydroxysuccinic Acid
(see D(-)-Tartaric Acid)

1,8-Dihydroxy-2-(4-Sulphophenylazo)-3,6-Naphthalenedisulphonic Acid Trisodium Salt
(see SPADNS)

3,5-Dihydroxytoluene 1-hydrate, 99% PS
$C_7H_8O_2.H_2O$

M: 142,16 CAS: 6153-39-5 EINECS: 207-984-2 NC: 2907 29 00

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 56-58°C

Order code	Package	Units/Box st.
15A639.1206	25 g	6
15A639.1208	100 g	6

Diiodomethane, 99% stabilized with copper PS
CH_2I_2

M: 267,87 CAS: 75-11-6 EINECS: 200-841-5 NC: 2903 39 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning

H332

SPECIFICATIONS:

1l~3,322kg 1kg~0,301l
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 3,318-3,325

Order code	Package	Units/Box st.
15A779.1608	100 g	6
15A779.1610	500 g	6

Di-Isobutylketone PRS
$CO(CH_3)_4(CHCH_2)_2$

M: 142,24 CAS: 108-83-8 EINECS: 203-620-1 NC: 2914 19 90 UN: 1157
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning

H226-H335

1l~0,808kg 1kg~1,238l

SPECIFICATIONS:

Assay isomer mixture (G.C.) ..... 94 %
Identity ..... IR p/t.
Density at 20/4 0,806-0,810
Non-volatile matter ..... 0,01 %
Water (H_2O) ..... 0,2 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141290.1611	1000 ml	6
141290.1214	5 l	4
141290.0716	25 l	

Di-Isobutylketone PS
$CO(CH_3)_4(CHCH_2)_2$

M: 142,24 CAS: 108-83-8 EINECS: 203-620-1 NC: 2914 19 90 UN: 1157
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning

H226-H335

1l~0,808kg 1kg~1,238l

SPECIFICATIONS:

Assay ..... 94 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151290.1606	25 ml	6
151290.1608	100 ml	6

Di-Isopropanolamine, 99% PS
$C_6H_{15}NO_2$

M: 133,19 CAS: 110-97-4 EINECS: 203-820-9 NC: 2922 19 80

Signal Word: Warning

H319

SPECIFICATIONS:

Minimum assay (G.C.) (isomers mixture) ..... 99 %
Identity ..... IR p/t.
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A770.1209	250 g	6
15A770.1211	1000 g	6

Di-Isopropylamine, 99% PS
$C_6H_{15}N$

M: 101,19 CAS: 108-18-9 EINECS: 203-558-5 NC: 2921 19 80 UN: 1158
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

H225-H332-H302-H314

1l~0,716kg 1kg~1,396l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,715-0,717
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
15A771.1611	1000 ml	6
15A771.1612	2,5 l	4
15A771.1214	5 l	4
15A771.0716	25 l	

N,N'-Diisopropylcarbodiimide, 98% PS
$C_7H_{14}N_2$

M: 126,20 CAS: 693-13-0 EINECS: 211-743-7 NC: 2925 19 95 UN: 2929
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 603 CAO: 604

Signal Word: Danger

H226-H330-H318

1l~0,81kg 1kg~1,23l

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,812-0,814

Order code	Package	Units/Box st.
15A448.1606	25 ml	6
15A448.1608	100 ml	6

Di-Isopropyl Ether stabilized with ~50 ppm of BHT PA-ACS
$(CH_3)_2CHOCH(CH_3)_2$

M: 102,18 CAS: 108-20-3 EINECS: 203-560-6 NC: 2909 19 00 UN: 1159
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

H225-EUH019-EUH066-H336

1l~0,721kg 1kg~1,387l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,720-0,723

MAXIMUM LIMIT OF IMPURITIES

APHA colour 25
Non-volatile matter ..... 0,005 %
Peroxides (as H_2O_2) ..... 0,005 %*
Acetone (G.C.) ..... 0,05 %
2-Propanol (G.C.) ..... 0,3 %
Acidity ..... 0,0004 meq/g
Water (H_2O) ..... 0,1 %

*At the moment of the batch analysis

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pt	0,05
Al	0,5	Ge	0,05	Sb	0,02
As	0,1	Hg	0,05	Si	0,2
Au	0,05	In	0,05	Sn	0,1
B	0,02	K	0,1	Sr	0,2
Ba	0,1	Li	0,05	Ti	0,02
Be	0,02	Mg	0,1	Tl	0,02
Bi	0,05	Mn	0,02	V	0,02
Ca	0,5	Mo	0,02	Zn	0,1
Cd	0,05	Na	0,5	Zr	0,02
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		

Order code	Package	Units/Box st.
131314.1611	1000 ml	6
131314.1612	2,5 l	4
131314.0314	5 l	4

Di-Isopropyl Ether stabilized with ~50 ppm of BHT PRS

$(CH_3)_2CHOCH(CH_3)_2$

M: 102,18 CAS: 108-20-3 EINECS: 203-560-6 NC: 2909 19 00 UN: 1159
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH019-EUH066-H336

1l~0,721kg 1kg~1,387l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,720-0,723
Non-volatile matter	0,01 %
Acetone (G.C.)	0,1 %
2-Propanol (G.C.)	0,5 %
Acidity	0,0008 meq/g
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141314.1611	1000 ml	6
141314.0314	5 l	4
141314.0616	25 l	

Di-Isopropyl Ether, 99% stabilized with ~50 ppm of BHT PS

$(CH_3)_2CHOCH(CH_3)_2$

M: 102,18 CAS: 108-20-3 EINECS: 203-560-6 NC: 2909 19 00 UN: 1159
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH019-EUH066-H336

1l~0,721kg 1kg~1,387l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,720-0,723
Non-volatile matter	0,005 %
Peroxides (as H_2O_2)	0,005 %*
Water (H_2O)	0,1 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
161314.1611	1000 ml	6
161314.0314	5 l	4
161314.0616	25 l	

N,N-Diisopropylethylamine

(see N-Ethyl Di-Isopropylamine)

Diisopropyl D(-)-Tartrate, 98% PS

$C_{10}H_{18}O_6$

M: 234,25 CAS: 62961-64-2 EINECS: 263-771-4 NC: 2918 13 00
1l~1,190kg 1kg~0,84l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A242.1605	10 ml	6
15A242.1607	50 ml	6

Diisopropyl L(+)-Tartrate, 98% PS

M: 234,25 CAS: 2217-15-4 EINECS: 218-709-0 NC: 2918 13 00
1l~1,14kg 1kg~0,87l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A243.1606	25 ml	6
15A243.1608	100 ml	6

Dimedone PA

aldehyde reagent

$C_8H_{12}O_2$

M: 140,18 CAS: 126-81-8 EINECS: 204-804-4 NC: 2914 29 00

SPECIFICATIONS:

Identity	IR p/t.
Melting range	145-150°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH	p/t.
Residue on ignition (as SO_4)	0,1 %

Order code	Package	Units/Box st.
121291.1606	25 g	6

3,4-Dimethoxybenzonitrile, 98% PS

$C_9H_9NO_2$

M: 163,18 CAS: 2024-83-1 EINECS: 217-969-2 NC: 2926 90 95 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15B876.1606	25 g	6
15B876.1608	100 g	6

2,3-Dimethoxycinnamic Acid, 97% PS

$C_{11}H_{12}O_4$

M: 208,22 CAS: 7345-82-6 NC: 2916 39 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay	97 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C139.1604	5 g	6
15C139.1606	25 g	6

2,5-Dimethoxycinnamic Acid, 99% PS

$C_{11}H_{12}O_4$

M: 208,22 CAS: 10538-51-9 EINECS: 234-114-9 NC: 2916 39 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C144.1606	25 g	6
15C144.1608	100 g	6

1,2-Dimethoxyethane

(see Ethylene Glycol di-Methyl Ether)

Dimethoxymethane

(see Formaldehyde Dimethylacetal)

2,2-Dimethoxypropane, 98% PS

$(CH_3)_2CH(OCH_3)_2$

M: 104,15 CAS: 77-76-9 EINECS: 201-056-0 NC: 2911 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H315

1l~0,847kg 1kg~1,180l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A121.1610	500 ml	6
15A121.1612	2,5 l	4

N,N-Dimethylacetamide (UV-IR-HPLC) PAI

C_4H_9NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Water (H_2O) ..... 0,02 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	270 (Cut off)	280	290	310	320	360-450
A (AU)	1,000	0,301	0,155	0,051	0,032	0,009
T (%)	10	50	70	89	93	98

Suitability for HPLC-gradient

λ (nm)	280	320	360
mAu	150	10	2,5

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 6,5
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363145.1611	1000 ml	6
363145.1612	2,5 l	4

N,N-Dimethylacetamide (Reag. Ph. Eur.) PA

C_4H_9NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,940-0,944
Distillation range ..... 164,5-167,5°C
pH 20% solution 4,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,05 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,001 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
123145.1611	1000 ml	6

N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX

C_4H_9NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance ..... p/t.
Non-volatile matter ..... 0,002 %
Acidity ..... p/t.
Alkalinity ..... p/t.
Related substances:
Individual impurity ..... 0,1 %
Total impurities ..... 0,3 %
Water (H_2O) ..... 0,1 %
Heavy metals (as Pb) ..... 0,001 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
143145.1611	1000 ml	6
143145.1214	5 l	4
143145.0716	25 l	

N,N-Dimethylacetamide, 99% PS

C_4H_9NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,940-0,944
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
163145.1611	1000 ml	6
163145.1612	2,5 l	4
163145.1214	5 l	4
163145.0716	25 l	
163145.0719	200 l	

Dimethylamine solution 40% PS

$(CH_3)_2NH$

M: 45,08 CAS: 124-40-3 EINECS: 204-697-4 NC: 2921 11 10 UN: 1160

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H302-H314

1l~0,886kg 1kg~1,129l

SPECIFICATIONS:

Assay (Acidim.) ..... ~40 %
Density at 20/4 0,884-0,887

Order code	Package	Units/Box st.
15A772.1611	1000 ml	6
15A772.1214	5 l	4

4-(Dimethylamino) Azobenzene (C.I. 11020) PA

pH indicator 2,9 red; 4,0 yellow

$C_{14}H_{15}N_3$

M: 225,30 CAS: 60-11-7 EINECS: 200-455-7 NC: 2927 00 00 UN: 3143

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H351

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in HCl 0,1 mol/l ..... 508-512 nm
A 1%, 1 cm, λmax ..... >1250
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
red 2,9
yellow 4,0
Loss on drying at 105°C ..... 5 %

Order code	Package	Units/Box st.
121292.1606	25 g	6

4-(Dimethylamino) Azobenzene solution 0,5%

(see Methyl Yellow solution 0,5%)

4-(Dimethylamino) Benzaldehyde (Reag. Ph. Eur.) PA-ACS

$(CH_3)_2NC_6H_4CHO$

M: 149,19 CAS: 100-10-7 EINECS: 202-819-0 NC: 2922 39 00

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 73-75°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.
Colour APHA of alcoholic solution 60
Insoluble matter in HCl ..... p/t.
Colour of acid solution ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ca 10
Cd 5
Co 5
Cr 5
Cu 5
Fe 100
K 50
Mg 5
Mn 5
Na 500
Ni 5
Pb 5
Zn 50

Order code	Package	Units/Box st.
131293.1606	25 g	6
131293.1608	100 g	6

4-(Dimethylamino) Benzaldehyde PA

$(CH_3)_2NC_6H_4CHO$

M: 149,19 CAS: 100-10-7 EINECS: 202-819-0 NC: 2922 39 00

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 73-75°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ca 50
Cd 5
Co 5
Cr 5
Cu 5
Fe 100
K 50
Mg 5
Mn 5
Na 500
Ni 5
Pb 5
Zn 50

Order code	Package	Units/Box st.
121293.1606	25 g	6
121293.1608	100 g	6

4-(Dimethylamino) Benzaldehyde, 99% PS

$(CH_3)_2NC_6H_4CHO$

M: 149,19 CAS: 100-10-7 EINECS: 202-819-0 NC: 2922 39 00

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 73-75°C

Order code	Package	Units/Box st.
161293.1608	100 g	6
161293.1609	250 g	6

(Dimethylamino) Benzene

(see N,N-Dimethylaniline)

2-(Dimethylamino) Isopropyl Chloride Hydrochloride, 98% PS

$C_5H_{13}Cl_2N$

M: 158,07 CAS: 4584-49-0 EINECS: 224-971-7 NC: 2921 19 80

Signal Word: Warning



H302

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B584.1208	100 g	6
15B584.1210	500 g	6

4-(Dimethylamino) Pyridine, 99% PS

$C_7H_{10}N_2$

M: 122,17 CAS: 1122-58-3 EINECS: 214-353-5 NC: 2933 39 99 UN: 2928

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H311-H301-H319-H315

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A021.1604	5 g	6
15A021.1606	25 g	6
15A021.1608	100 g	6

N,N-Dimethylaniline PA

$C_8H_{11}N$

M: 121,18 CAS: 121-69-7 EINECS: 204-493-5 NC: 2921 42 90 UN: 2253

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H351-H411

1l~0,958kg 1kg~1,044l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,955-0,960

MAXIMUM LIMIT OF IMPURITIES

Aniline (G.C.) ..... 0,1 %
Hydrocarbons ..... p/t.
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
121294.1609	250 ml	6
121294.1611	1000 ml	6

N,N-Dimethylaniline, 99% PS

$C_8H_{11}N$

M: 121,18 CAS: 121-69-7 EINECS: 204-493-5 NC: 2921 42 90 UN: 2253

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H351-H411

1l~0,958kg 1kg~1,044l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,955-0,960
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161294.1611	1000 ml	6

Dimethylarsinic Acid Sodium Salt

(see Cacodylic Acid Sodium Salt 3-hydrate)

Dimethylbenzene

(see Xylene mixture of isomers)

1,2-Dimethylbenzene

(see o-Xylene)

1,3-Dimethylbenzene

(see m-Xylene)

1,4-Dimethylbenzene

(see p-Xylene)

3,3'-Dimethylbenzidine

(see o-Tolidine)

2,5-Dimethylbenzoic Acid, 98% PS

$C_9H_{10}O_2$

M: 150,17 CAS: 610-72-0 EINECS: 210-235-2 NC: 2916 31 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C001.1605	10 g	6
15C001.1607	50 g	6

3,5-Dimethylbenzoic Acid, 98% PS

$C_9H_{10}O_2$

M: 150,18 CAS: 499-06-9 EINECS: 207-876-5 NC: 2916 31 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A304.1606	25 g	6

Dimethyl Carbonate, 99% PS

$C_3H_6O_3$

M: 90,08 CAS: 616-38-6 EINECS: 210-478-4 NC: 2920 90 85 UN: 1161
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~1,069kg 1kg~0,935l

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A158.1609	250 ml	6
15A158.1611	1000 ml	6

4-(1,1-Dimethylethyl)-1,2-Benzenediol

(see 4-tert-Butylpyrocatechol)

N,N'-Dimethylethyleneurea

(see 1,3-Dimethyl-2-Imidazolidinone)

1,1-Dimethylethylhydroperoxide

(see tert-Butyl Hydroperoxide)

N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS

$(CH_3)_2NCHO$

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H332-H312-H319

1l~0,948kg 1kg~1,055l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,05 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	270 (Cut off)	275	290	300	330-450
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 6,4
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361785.1611	1000 ml	6

N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO

$(CH_3)_2NCHO$

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H332-H312-H319

1l~0,948kg 1kg~1,055l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,946-0,950

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
Non-volatile matter ..... 0,005 %
Diethylamine (G.C.) ..... 0,05 %
Dimethylamine (G.C.) ..... 0,05 %
Methanol (G.C.) ..... 0,05 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0005 meq/g
Water (H_2O) ..... 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481785.1611	1000 ml	6

N,N-Dimethylformamide (Reag. Ph. Eur.) PA-ACS-ISO

$(CH_3)_2NCHO$

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H332-H312-H319

1l~0,948kg 1kg~1,055l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/20 0,949-0,952

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
Non-volatile matter ..... 0,005 %
Diethylamine (G.C.) ..... 0,05 %
Dimethylamine (G.C.) ..... 0,05 %
Methanol (G.C.) ..... 0,05 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0005 meq/g
Water (H_2O) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131785.1611	1000 ml	6
131785.1612	2,5 l	4
131785.1214	5 l	4
131785.0716	25 l	

N,N-Dimethylformamide PRS

$(CH_3)_2NCHO$

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H332-H312-H319

1l~0,948kg 1kg~1,055l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,946-0,950
Non-volatile matter	0,05 %
Diethylamine (G.C.)	0,1 %
Dimethylamine (G.C.)	0,1 %
Methanol (G.C.)	0,1 %
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141785.1611	1000 ml	6
141785.1612	2,5 l	4
141785.1214	5 l	4
141785.0716	25 l	

N,N-Dimethylformamide, 99,8% PS

$(CH_3)_2NCHO$

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H332-H312-H319

1l~0,948kg 1kg~1,055l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,946-0,950
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161785.1611	1000 ml	6
161785.1612	2,5 l	4
161785.1214	5 l	4
161785.0716	25 l	
161785.0719	200 l	

N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI

$(CD_3)_2NCHO$

M: 80,14 CAS: 4472-41-7 EINECS: 224-745-8 NC: 2845 90 10 UN: 2265
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H332-H312-H319

1l~1,05kg 1kg~0,95l

SPECIFICATIONS:

Deuteration degree min.	99,5 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,05 %

Order code	Package	Units/Box st.
745855.02130	10 x 0,75 ml	6
745855.1605	10 ml	6

N,N-Dimethylformamide-Dimethylacetal CG

for derivatization (GC)

$C_5H_{13}NO_2$

M: 119,16 CAS: 4637-24-5 EINECS: 225-063-3 NC: 2922 50 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H319-H315

1l~0,895kg 1kg~1,117l

SPECIFICATIONS:

Minimum assay (G.C.)	96 %
Identity	IR p/t.
Density at 20/4	0,893-0,897

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355600.0922	20 x 1 ml	6
355600.1905	10 ml	6

N,N-Dimethylformamide-Dimethylacetal, 95% PS

$C_5H_{13}NO_2$

M: 119,16 CAS: 4637-24-5 EINECS: 225-063-3 NC: 2922 50 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H319-H315

1l~0,895kg 1kg~1,117l

SPECIFICATIONS:

Assay	95 %
Identity	IR p/t.

Order code	Package	Units/Box st.
155600.1606	25 ml	6
155600.1608	100 ml	6
155600.1610	500 ml	6

Dimethyl Fumarate, 98% PS

$C_6H_8O_4$

M: 144,13 CAS: 624-49-7 EINECS: 210-849-0 NC: 2917 19 90
Signal Word: Warning



H312-H319-H335-H315-H317

SPECIFICATIONS:

Assay	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C036.1206	25 g	6
15C036.1208	100 g	6

Dimethylglycol

(see Ethylene Glycol di-Methyl Ether)

Dimethylglyoxal

(see 2,3-Butanedione)

Dimethylglyoxime (Reag. Ph. Eur.) PA-ACS

$C_4H_8N_2O_2$

M: 116,12 CAS: 95-45-4 EINECS: 202-420-1 NC: 2928 00 90
Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Gravim.)	99,0 %
Identity	IR p/t.
Melting range	238-242°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH	0,02 %
Loss on drying at 110°C	1 %
Residue on ignition (as SO_4)	0,05 %
Sensitivity to Ni	p/t.
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131295.1208	100 g	6
131295.1210	500 g	6

Dimethylglyoxime di-Sodium Salt 8-hydrate PA

$C_4H_8N_2Na_2O_2.8H_2O$

M: 304,21 CAS: 75006-64-3 EINECS: 262-523-2 NC: 2928 00 90
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Perchl. Ac.)	98-102 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Sensitivity to Ni	p/t.

Order code	Package	Units/Box st.
121594.1208	100 g	6
121594.1210	500 g	6

1,3-Dimethyl-2-Imidazolidinone, 98% PS

$C_5H_{10}N_2O$

M: 114,15 CAS: 80-73-9 EINECS: 201-304-8 NC: 2933 29 90

Signal Word: Warning



H312-H302-H319

1l~1,044kg 1kg~0,958l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B523.1608	100 ml	6
15B523.1610	500 ml	6

3,7-Dimethyl-1,6-Octadien-3-ol

(see Linalool)

3,7-Dimethyl-2,6-Octadien-1-ol

(see Geraniol)

3,7-Dimethyl-1,6-Octadien-3-yl Acetate

(see Linalyl Acetate)

2,9-Dimethyl-1,10-Phenanthroline

(see Neocuproin)

3,5-Dimethylphenol, 99% PS

$C_8H_{10}O$

M: 122,17 CAS: 108-68-9 EINECS: 203-606-5 NC: 2907 19 90 UN: 2261

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H311-H301-H314

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 61-64°C

Order code	Package	Units/Box st.
15A640.1608	100 g	6
15A640.1610	500 g	6

Dimethyl Phthalate, 99% PS

$(COOCH_3)_2C_6H_4$

M: 194,19 CAS: 131-11-3 EINECS: 205-011-6 NC: 2917 34 90

H412

1l~1,192kg 1kg~0,839l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,190-1,195
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A774.1211	1000 ml	6
15A774.1212	2,5 l	4
15A774.0716	25 l	

2,6-Dimethylpyridine, 98% PS

C_7H_9N

M: 107,16 CAS: 108-48-5 EINECS: 203-587-3 NC: 2933 39 99 UN: 2929

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Warning



H226-H302

1l~0,923kg 1kg~1,083l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,922-0,924

Order code	Package	Units/Box st.
15A623.1608	100 ml	6
15A623.1610	500 ml	6

2,4-Dimethylquinoline, 97% PS

$C_{11}H_{11}N$

M: 157,2 CAS: 1198-37-4 EINECS: 214-832-9 NC: 2933 49 90

Signal Word: Warning



H319-H335-H315

1l~1,061kg 1kg~0,942l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.
2,6-Dimethylquinoline + 2,8-Dimethylquinoline ..... 0,5 %
Aniline ..... 0,2 %
Quinaldine ..... 2,5 %
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15C275.1902	0,5 ml	6

Dimethyl Sulphate, 99% PS

$C_2H_6O_4S$

M: 126,13 CAS: 77-78-1 EINECS: 201-058-1 NC: 2920 90 10 UN: 1595

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/- PAX: P CAO: P

Signal Word: Danger



H350-H301-H330-H314-H317-H341

1l~1,327kg 1kg~0,754l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,325-1,328

Order code	Package	Units/Box st.
15A775.1611	1000 ml	6

Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI

C_2H_6OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l~1,103kg 1kg~0,907l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Organic volatile impurities ..... p/t
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,1 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	265 (Cut off)	270	280	290	310	330	350-450
A (AU)	1,000	0,523	0,301	0,155	0,009	0,046	0,009
T (%)	10	30	50	70	80	90	98

Fluorescence (as quinine):

λ (nm)	365
ppb	7,0

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 7,2
Eluotropic value E°(Al_2O_3) 0,75
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361954.1611	1000 ml	6
361954.1612	2,5 l	4

Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS

C_2H_6OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l~1,103kg 1kg~0,907l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Freezing point ..... ≥18,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,01 %
Dimethyl Sulfone (G.C.) ..... 0,1 %
Methanol (G.C.) ..... 0,05 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,03 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481954.1611	1000 ml	6

Dimethyl Sulphoxide (Reag. Ph. Eur.) PA-ACS

C_2H_6OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l~1,103kg 1kg~0,907l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Freezing point ..... ≥18,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,01 %
Dimethyl Sulfone (G.C.) ..... 0,1 %
Methanol (G.C.) ..... 0,05 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131954.1611	1000 ml	6
131954.1612	2,5 l	4
131954.1214	5 l	4
131954.0716	25 l	

Dimethyl Sulphoxide PRS

C_2H_6OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l~1,103kg 1kg~0,907l

SPECIFICATIONS:

Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,05 %
Dimethyl Sulfone (G.C.) ..... 0,2 %
Methanol (G.C.) ..... 0,1 %
Acidity ..... 0,002 meq/g
Water (H_2O) ..... 0,2 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141954.1611	1000 ml	6
141954.1612	2,5 l	4
141954.1214	5 l	4
141954.0716	25 l	

Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEX

C_2H_6OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l~1,103kg 1kg~0,907l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 1,100-1,104
Density at 25/25 1,095-1,101
Refractive index 1,478-1,479
Freezing point ..... ≥18,3°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,01 %
Absorbance U.V ..... p/t.
Dimethyl Sulfone (G.C.) ..... 0,03 %
Related substances (G.C.) 0,1%
Substances darkened by KOH ..... p/t.
Acidity ..... p/t.
Water (H_2O) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
191954.1611	1000 ml	6
191954.1612	2,5 l	4
191954.1214	5 l	4
191954.0716	25 l	

Dimethyl Sulphoxide, 99,5% PS

C_2H_6OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l~1,103kg 1kg~0,907l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Freezing point ..... ≥18,0°C
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161954.1611	1000 ml	6
161954.1612	2,5 l	4
161954.0716	25 l	

Dimethyl Sulphoxide-D6 deuteration degree min. 99,95% (NMR) PAI

$(CD_3)_2SO$

M: 84,18 CAS: 2206-27-1 EINECS: 218-617-0 NC: 2845 90 10

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Deuteration degree min. ..... 99,95 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,02 %

Order code	Package	Units/Box st.
745862.02130	10 x 0,75 ml	6
745862.1605	10 ml	6

Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI

$(CD_3)_2SO$

M: 84,18 CAS: 2206-27-1 EINECS: 218-617-0 NC: 2845 90 10

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Deuteration degree min. ..... 99,9 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745861.02130	10 x 0,75 ml	6
745861.1605	10 ml	6

Dimethyl Sulphoxide-D6 deuteration degree min. 99,8% (NMR) PAI

$(CD_3)_2SO$

M: 84,18 CAS: 2206-27-1 EINECS: 218-617-0 NC: 2845 90 10

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Deuteration degree min. ..... 99,8 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745860.02130	10 x 0,75 ml	6
745860.1605	10 ml	6

N,N'-Dimethylurea

(see 1,3-Dimethylurea)

1,3-Dimethylurea, 98% PS

$(CH_3NH)_2CO$

M: 88,11 CAS: 96-31-1 EINECS: 202-498-7 NC: 2924 19 00

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 102-105°C

Order code	Package	Units/Box st.
15A593.1210	500 g (P)	6

Dimethyl Yellow

(see 4-(Dimethylamino) Azobenzene)

Dimidium Bromide

(see 3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide)

1,3-Dinitrobenzene (Reag. USP, Ph. Eur.) PA

$(NO_2)_2C_6H_4$

M: 168,11 CAS: 99-65-0 EINECS: 202-776-8 NC: 2904 20 00 UN: 3443
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 89-91°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in Cl_3CH ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
1,2-Dinitrobenzene (G.C.) ..... 0,1 %
1,4-Dinitrobenzene (G.C.) ..... 0,1 %
Water (H_2O) ..... 0,5 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122058.1207	50 g (P)	6

1,3-Dinitrobenzene, 98% PS

$(NO_2)_2C_6H_4$

M: 168,11 CAS: 99-65-0 EINECS: 202-776-8 NC: 2904 20 00 UN: 3443
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.) a.a.s. ..... 98 %
Identity ..... IR p/t.
Melting range (a.a.s.) ..... 89-91°C

Order code	Package	Units/Box st.
162058.1209	250 g (P)	6
162058.1211	1000 g (P)	6

m-Dinitrobenzene

(see 1,3-Dinitrobenzene)

3,5-Dinitrobenzoic Acid, 98% PS

$C_7H_4N_2O_6$

M: 212,12 CAS: 99-34-3 EINECS: 202-751-1 NC: 2916 39 00

Minimum assay (Acidim.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 204-208°C

Order code	Package	Units/Box st.
162836.1608	100 g	6
162836.1610	500 g	6

3,5-Dinitrobenzoyl Chloride, 98% PS

$C_7H_3ClN_2O_5$

M: 230,57 CAS: 99-33-2 EINECS: 202-750-6 NC: 2916 39 00 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 68-70°C

Order code	Package	Units/Box st.
15A891.1608	100 g	6

1,3-Dinitro-4-Chlorobenzene

(see 1-Chloro-2,4-Dinitrobenzene)

2,4-Dinitro-1-Chlorobenzene

(see 1-Chloro-2,4-Dinitrobenzene)

2,4-Dinitrophenol moistened with ~33% of H_2O PA

$(NO_2)_2C_6H_3OH$

M: 184,10 CAS: 51-28-5 EINECS: 200-087-7 NC: 2908 99 90 UN: 1320
IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412
Signal Word: Danger



H331-H311-H301-H373-H400

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 110-113°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %
(Analysis applied to the dry substance)

Order code	Package	Units/Box st.
122443.1606	25 g	6

2,4-Dinitrophenol, 98% moistened with ~33% of H_2O PS

$(NO_2)_2C_6H_3OH$

M: 184,10 CAS: 51-28-5 EINECS: 200-087-7 NC: 2908 99 90 UN: 1320
IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412
Signal Word: Danger



H331-H311-H301-H373-H400

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 111-114°C

Order code	Package	Units/Box st.
162443.1608	100 g	6

2,4-Dinitrophenylhydrazine moistened with ~33% of H_2O (Reag. Ph. Eur.) PA

$(NO_2)_2C_6H_3NHNH_2$

M: 198,14 CAS: 119-26-6 EINECS: 204-309-3 NC: 2928 00 90 UN: 1325
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



EUH001-H302-H319-H315

SPECIFICATIONS:

Minimum assay (HPLC) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 199-202°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,02 %
Sensitivity to carbonyl group ..... p/t.
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %
(Analysis applied to dry substance)

Order code	Package	Units/Box st.
122325.1606	25 g	6
122325.1608	100 g	6

2,4-Dinitrophenylhydrazine, 99% moistened with ~33% of H_2O PS

$(NO_2)_2C_6H_3NHNH_2$

M: 198,14 CAS: 119-26-6 EINECS: 204-309-3 NC: 2928 00 90 UN: 1325
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



EUH001-H302-H319-H315

SPECIFICATIONS:

Minimum assay (HPLC) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
162325.1606	25 g	6
162325.1608	100 g	6
162325.1609	250 g	6
162325.1214	5 kg (P)	

3,5-Dinitrosalicylic Acid, 98% PS

$C_7H_4N_2O_7$

M: 228,12 CAS: 609-99-4 EINECS: 210-204-3 NC: 2918 29 80 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Warning



H302

SPECIFICATIONS:
Minimum assay (Acidim.)..... 98 %
Identity..... IR p/t.
Melting range..... 171-174°C

Order code	Package	Units/Box st.
162837.1608	100 g	6
162837.1609	250 g	6
162837.0914	5 kg	

2,4-Dinitrotoluene, 96% PS

$C_7H_6N_2O_4$

M: 182,14 CAS: 121-14-2 EINECS: 204-450-0 NC: 2904 20 00 UN: 3454
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H331-H311-H301-H373-H341-H410

SPECIFICATIONS:
Minimum assay (G.C.) ..... 96 %
Identity..... IR p/t.
Melting range..... 67-68°C

Order code	Package	Units/Box st.
15A621.1608	100 g	6
15A621.1611	1000 g	6

Di-Octyl Phthalate

(see Bis (2-Ethylhexyl) Phthalate)

1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI

$C_4H_8O_2$

M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H351-EUH019-EUH066
1l~1,033kg 1kg~0,968l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 1,032-1,034

MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Non-volatile matter..... 0,0003 %
Peroxides (as H_2O_2)..... 0,005 %*
Acidity..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O)..... 0,02 %
Suitability for IR spectrometry..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	215 (Cut off)	225	240	260	268	283	300-450
A (AU)	1,000	0,398	0,301	0,155	0,097	0,046	0,009
T (%)	10	40	50	70	80	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity..... 4,8
Eluotropic value E°(Al_2O_3) 0,56
Sol. H_2O in solv. at 20°C..... miscible
For critical jobs, purge with nitrogen.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
361296.1611	1000 ml	6

1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO

$C_4H_8O_2$

M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H351-EUH019-EUH066
1l~1,033kg 1kg~0,968l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity..... IR p/t.
Density at 20/4 1,032-1,034
Freezing point..... ≥11,0°C

MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Non-volatile matter..... 0,005 %
Peroxides (as H_2O_2)..... 0,005 %*
Acetal (G.C.) ..... 0,05 %
Acetaldehyde (G.C.) ..... 0,005 %
Acidity..... 0,0016 meq/g
Carbonyl (as HCHO)..... 0,01 %
Water (H_2O)..... 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe..... 0,1	Pb 0,1
Al 0,5	Ga..... 0,02	Pt 0,02
As 0,05	Ge..... 0,05	S 0,2
Au 0,05	Hg..... 0,05	Sb 0,02
B 0,02	In..... 0,05	Si 0,2
Ba 0,1	K..... 0,1	Sn 0,1
Be 0,02	Li..... 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti..... 0,02
Ca 0,5	Mn 0,02	Tl..... 0,02
Cd..... 0,05	Mo 0,02	V 0,02
Co..... 0,02	Na 0,5	Zn 0,1
Cr..... 0,02	Ni 0,02	Zr 0,02
Cu..... 0,02	P 0,2	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
481296.1611	1000 ml	6

1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO

$C_4H_8O_2$

M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H351-EUH019-EUH066
1l~1,033kg 1kg~0,968l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity..... IR p/t.
Density at 20/4 1,032-1,034
Freezing point..... ≥11,0°C

MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Non-volatile matter..... 0,005 %
Peroxides (as H_2O_2)..... 0,005 %*
Acetal (G.C.) ..... 0,05 %
Acetaldehyde (G.C.) ..... 0,005 %
Acidity..... 0,0016 meq/g
Carbonyl (as HCHO)..... 0,01 %
Water (H_2O)..... 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe..... 0,1	Pb 0,1
Al 0,5	Ga..... 0,02	Pt 0,02
As 0,05	Ge..... 0,05	S 0,2
Au 0,05	Hg..... 0,05	Sb 0,02
B 0,02	In..... 0,05	Si 0,2
Ba 0,1	K..... 0,1	Sn 0,1
Be 0,02	Li..... 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti..... 0,02
Ca 0,5	Mn 0,02	Tl..... 0,02
Cd..... 0,05	Mo 0,02	V 0,02
Co..... 0,02	Na 0,5	Zn 0,1
Cr..... 0,02	Ni 0,02	Zr 0,02
Cu..... 0,02	P 0,2	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
131296.1611	1000 ml	6
131296.1612	2,5 l	4
131296.0314	5 l	4
131296.0616	25 l	

1,4-Dioxan stabilized with ~25 ppm of BHT PRS

$C_4H_8O_2$

M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H351-EUH019-EUH066

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,032-1,034
Non-volatile matter	0,01 %
Acetal (G.C.)	0,1 %
Acetaldehyde (G.C.)	0,01 %
Acidity	0,003 meq/g
Carbonyl (as HCHO)	0,1 %
Peroxides (as H_2O_2)	0,01 %*
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141296.1611	1000 ml	6
141296.1612	2,5 l	4
141296.0314	5 l	4

1,4-Dioxan, 99,5% stabilized with ~25 ppm of BHT PS

$C_4H_8O_2$

M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H351-EUH019-EUH066

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	1,032-1,034
Non-volatile matter	0,005 %
Peroxides (as H_2O_2)	0,005 %*
Water (H_2O)	0,1 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
161296.1611	1000 ml	6
161296.1612	2,5 l	4
161296.0314	5 l	4
161296.0616	25 l	
161296.0619	200 l	

9,10-Dioxoanthracene

(see Anthraquinone)

1,3-Dioxolane, 99% stabilized with ~50 ppm BHT and ~100 ppm triethylamine PS

$C_3H_6O_2$

M: 74,08 CAS: 646-06-0 EINECS: 211-463-5 NC: 2932 11 00 UN: 1166
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~1,066kg 1kg~0,938l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,06-1,07
Water (H_2O)	0,4 %

Order code	Package	Units/Box st.
15A595.1610	500 ml	6
15A595.1612	2,5 l	4
15A595.1616	25 l	

2,2'-Dioxydiethylamine

(see Diethanolamine)

1,2-Dioxyethane

(see Ethylene Glycol)

DIPEA

(see N-Ethyl Di-Isopropylamine)

Diphenyl

(see Biphenyl)

Diphenylamine (Reag. Ph. Eur.) PA-ACS

$(C_6H_5)_2NH$

M: 169,22 CAS: 122-39-4 EINECS: 204-539-4 NC: 2921 44 00 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H311-H301-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Melting range	52,5-54,0°C

MAXIMUM LIMIT OF IMPURITIES

Solubility in C_2H_5OH	p/t.
Residue on ignition (as SO_4)	0,03 %
Aniline (G.C.)	0,1 %
Nitrate (NO_3)	p/t.
Sensitivity to NO_3	p/t.
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131828.1608	100 g	6

Diphenylamine PA

$(C_6H_5)_2NH$

M: 169,22 CAS: 122-39-4 EINECS: 204-539-4 NC: 2921 44 00 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H311-H301-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Melting range	52-55°C

MAXIMUM LIMIT OF IMPURITIES

Solubility in C_2H_5OH	p/t.
Residue on ignition (as SO_4)	0,05 %
Aniline (G.C.)	0,1 %
Nitrate (NO_3)	p/t.
Sensitivity to NO_3	p/t.
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121828.1608	100 g	6
121828.1609	250 g	6

Diphenylamine, 98% PS

$(C_6H_5)_2NH$

M: 169,22 CAS: 122-39-4 EINECS: 204-539-4 NC: 2921 44 00 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H311-H301-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Melting range	53-55°C

Order code	Package	Units/Box st.
161828.1609	250 g	6
161828.1610	500 g	6

1,5-Diphenylcarbazide (symmetrical) (Reag. Ph. Eur.) PA-ACS

$C_{13}H_{14}N_4O$

M: 242,28 CAS: 140-22-7 EINECS: 205-403-7 NC: 2928 00 90

SPECIFICATIONS:

Minimum assay (HPLC)	98,0 %
Identity	IR p/t.
Melting range	173-176°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COCH_3	p/t.
Residue on ignition (as SO_4)	0,05 %
Sensitivity to chromate	p/t.

Order code	Package	Units/Box st.
133577.1606	25 g	6
133577.1608	100 g	6

1,5-Diphenylcarbazide PA

redox indicator
$C_{13}H_{14}N_4O$
M: 242,28 CAS: 140-22-7 EINECS: 205-403-7 NC: 2928 00 90
SPECIFICATIONS:
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble in CH_3COCH_3 ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %

Order code	Package	Units/Box st.
123577.1606	25 g	6
123577.1608	100 g	6

1,5-Diphenylcarbazone (contains diphenylcarbazide) (Reag. Ph. Eur.) PA-ACS

Hg reagent
$C_{13}H_{12}N_4O$
M: 240,27 CAS: 538-62-5 EINECS: 208-698-0 NC: 2928 00 90
SPECIFICATIONS:
Identity ..... IR p/t.
Melting range ..... 152-157°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in acetone ..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %
Sensitivity to Hg ..... p/t.
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
132228.1604	5 g	6
132228.1606	25 g	6

(R, R)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S, S)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Diphenylenemethane

(see Fluorene)

Diphenylethanedione

(see Benzil)

Diphenylglycolic Acid

(see Benzilic Acid)

Diphenylketone

(see Benzophenone)

4,7-Diphenyl-1,10-Phenanthroline

(see Bathophenanthroline)

1,5-Diphenylthiocarbazone

(see Dithizone)

1,3-Diphenylthiourea PA

$(C_6H_5NH)_2CS$
M: 228,32 CAS: 102-08-9 EINECS: 203-004-2 NC: 2930 90 85 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger


H301
SPECIFICATIONS:
Minimum assay (HPLC) ..... 98,0 %
Identity ..... IR p/t.
Melting range ..... 150-154°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 105°C ..... 1 %
Residue on ignition (as SO_4) ..... 0,25 %

Order code	Package	Units/Box st.
121741.1209	250 g	6

1,3-Diphenylthiourea, 98% PS

$(C_6H_5NH)_2CS$
M: 228,32 CAS: 102-08-9 EINECS: 203-004-2 NC: 2930 90 85 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger


H301
SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151741.1208	100 g	6
151741.1210	500 g	6

Diphosphorus Pentoxide

(see di-Phosphorus penta-Oxide)

Dipicolinic Acid

(see Pyridine 2,6-Dicarboxylic Acid)

N,N'-Di-iso-Propylcarbodiimide

(see N,N'-Diisopropylcarbodiimide)

Dipropylene Glycol, 98% isomers mixture PS

$C_6H_{14}O_3$
M: 134,17 CAS: 110-98-5 EINECS: 203-821-4 NC: 2909 49 18
1l~1,024kg 1kg~0,977l
SPECIFICATIONS:
Minimum assay (G.C.), isomers mixture ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,022-1,025

Order code	Package	Units/Box st.
15A778.1211	1000 ml	6
15A778.1214	5 l	4
15A778.0716	25 l	

2,2'-Dipyridine

(see 2,2'-Bipyridine)

α-α'-Dipyridyl

(see 2,2'-Bipyridine)

Direct Blue 53

(see Evans Blue)

Direct Red 28

(see Congo Red)

Direct Yellow 9

(see Titan Yellow)

Disulphine Blue (C.I. 42045) PA

indicator in analysis of surfactants
$C_{27}H_{31}N_2O_6S_2Na$
M: 566,67 CAS: 129-17-9 EINECS: 204-934-1 NC: 3204 12 00
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 637-639 nm
A 1%, 1 cm, λmax ..... >750
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 1 %
Loss on drying at 110°C ..... 7 %
Suitability as indicator for surfactants ..... p/t.

Order code	Package	Units/Box st.
123376.1605	10 g	6
123376.1606	25 g	6

Dithiooxamide

(see Rubeanic Acid)

Dithizone (Reag. Ph. Eur.) PA-ACS

reagent of metals and for complexometry
$C_{13}H_{12}N_4S$
M: 256,33 CAS: 60-10-6 EINECS: 200-454-1 NC: 2930 90 85
SPECIFICATIONS:
Minimum assay (spectrophotometric) ..... 85,0 %
Identity ..... IR p/t.
Ratio of absorbances ..... ≥1,55
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CI_3CH ..... p/t.
Residue on ignition (as SO_4) ..... 0,3 %
Heavy metals (as Pb) ..... 0,002 %
Sensitivity to Pb ..... p/t.

Order code	Package	Units/Box st.
131791.1604	5 g	6
131791.1606	25 g	6

DMAC
(see N,N-Dimethylacetamide)

DMAP
(see 4-(Dimethylamino) Pyridine)

DMF
(see N,N-Dimethylformamide)

DMF-DMA
(see N,N-Dimethylformamide-Dimethylacetal)

DMI
(see 1,3-Dimethyl-2-Imidazolidinone)

DMSO
(see Dimethyl Sulphoxide)

DNCB
(see 1-Chloro-2,4-Dinitrobenzene)

DNPH
(see 2,4-Dinitrophenylhydrazine)

Dodecanoic Acid
(see Lauric Acid)

Dodecanoic Acid Methyl Ester
(see Methyl Laurate)

1-Dodecanol (Reag. USP) PA-ACS
$C_{12}H_{26}O$
M: 186,34 CAS: 112-53-8 EINECS: 203-982-0 NC: 2905 17 00
Signal Word: Warning


H315
1l~0,833kg 1kg~1,200l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98,0 %
Identity ..... IR p/t.
Freezing point ..... >23°C
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
131877.1610	500 ml	6

1-Dodecanol (F.C.C.) ADITIO
$C_{12}H_{26}O$
M: 186,34 CAS: 112-53-8 EINECS: 203-982-0 NC: 2905 17 00
Signal Word: Warning


H315
1l~0,833kg 1kg~1,200l
SPECIFICATIONS:
Assay (G.C.), not less than ..... 97,0 %
IR ..... p/t.
Insoluble matter in ethanol 70% ..... p/t.
Refractive index 1,440-1,444
Specific weight 0,830-0,836
Acidity value, not more than 1,0
Solidification point, not less than ..... 21°C
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201877.1214	5 l	4

1-Dodecanol, 98% PS
$C_{12}H_{26}O$
M: 186,34 CAS: 112-53-8 EINECS: 203-982-0 NC: 2905 17 00
Signal Word: Warning


H315
1l~0,833kg 1kg~1,200l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
161877.1609	250 ml	6
161877.1611	1000 ml	6
161877.1214	5 l	4

Dodecyl Alcohol
(see 1-Dodecanol)

Dodecyl Sulphate Sodium Salt
(see Sodium Dodecyl Sulphate)

DOP
(see Bis (2-Ethylhexyl) Phthalate)

Dowex ® HCR-S-H
(see Ion Exchange Resin)

Dowex ® HGR NG(H)
(see Cation Exchange Resin)

Dowex ® Marathon C-H
(see Ion Exchange Resin)

DPX, mounting medium fast (toluene base) DC
for microscopy, mounting medium
NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H319-H335-H315
1l~0,945kg 1kg~1,058l
SPECIFICATIONS:
Refractive index n ^{20}/D 1,515-1,525

Order code	Package	Units/Box st.
255254.1608	100 ml	6
255254.1610	500 ml	6

DPX, mounting medium slow DC
for microscopy, mounting medium
NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H319-H335-H315
1l~0,940kg 1kg~1,064l
SPECIFICATIONS:
Refractive index n ^{20}/D 1,510-1,520

Order code	Package	Units/Box st.
256155.1608	100 ml	6
256155.1610	500 ml	6

DTPA
(see Diethylentriaminepentaacetic Acid)

DYSPROSIUM SOLUTIONS
(see Standards for ICP)

Edetic Acid
(see Ethylenediaminetetraacetic Acid)

EDTA
(see Ethylenediaminetetraacetic Acid and their salts)

Electrode-Reactivating Solution RV
for electrode cleaning and reactivation
NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H330-H310-H300-H314
1l~1,027kg 1kg~0,974l
Composition:
Hydrochloric Acid 35% ..... 12,1 ml
Hydrofluoric Acid 48% ..... 3,6 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
285253.1209	250 ml	6

Eluent for Malo-Lactic Kit VINIKIT
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225
1l~0,863kg 1kg~1,159l
SPECIFICATIONS:
Density at 25/4 0,86

Order code	Package	Units/Box st.
625108.1208	100 ml	6

Embalming Mixture QP

UN: 1992 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 310 CAO: 309 (D/E)
Signal Word: Danger


H225-H311-H301-H317-H314

1l~0,941kg 1kg~1,063l
SPECIFICATIONS:
Composition:
Phenol 90 % ..... 12,5 ml
Ethanol 96 % ..... 62,5 ml
Formaldehyde solution 35-40 % ..... 7,5 ml
Glycerol ..... 17,5 ml

Order code	Package	Units/Box st.
214632.1214	5l	4
214632.0716	25l	

Emerald Green

(see Brilliant Green)

Empiric Liquor titrated RV

for determination of oil and fat acidity. 1 ml corresponds to 0,1 g of oleic acid
NC: 3822 00 00 UN: 1719
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning


H319-H315

1l~1,017kg 1kg~0,983l
Composition:
Sodium Hydroxide 50% w/w ..... 1,95 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281385.1211	1000 ml	6

Emulsion (prepared for Microbiology)

(see chapter CULTIMED products)

Enanthic Acid

(see Heptanoic Acid)

Enanthic Acid Chloride

(see Heptanoyl Chloride)

Enanthoyl Chloride

(see Heptanoyl Chloride)

Enheptin

(see 2-Amino-5-Nitrothiazole)

Eosin B

(see Eosin Bluish)

Eosin Bluish (C.I. 45400) DC

for microscopy, vital staining and plasma staining
$C_{20}H_6Br_2N_2Na_2O_9$
M: 624,09 CAS: 548-24-3 EINECS: 208-943-1 NC: 3204 12 00
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 516-520 nm
A 1%; 1cm; λmax ..... >750
Ratio λmax. P±15 nm 0,96-1,22
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
252782.1606	25 g	6
252782.1608	100 g	6

Eosin for fast staining (Panoptic No. 2) DC

blood smear staining or medullary smear staining
NC: 3822 00 00
1l~1,006kg 1kg~0,994l
Composition:
Eosin Yellowish ..... 0,8 g
Buffer solution pH 7 s.q.m. ..... 1000 ml

Order code	Package	Units/Box st.
253999.1210	500 ml	6
253999.1212	2,5 l	4

Eosin G

(see Eosin Yellowish)

Eosin-Methylene Blue dye according to Leishman DC

for hematology, blood smear staining
NC: 3204 19 00
SPECIFICATIONS:
λ_1 of max. ABS in CH_3OH ..... 525-527 nm
λ_2 of max. ABS in CH_3OH ..... 645-650 nm
A 1%, 1 cm, λ_1 max ..... > 500
A 1%, 1 cm, λ_2 max ..... >1000
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
251377.1606	25 g	6

Eosin-Methylene Blue solution according to Leishman DC

for hematology, blood smear staining
NC: 3204 19 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H331-H311-H301-H370

1l~0,794kg 1kg~1,259l
Composition:
Eosin-Methylene Blue dye according to Leishman ..... 0,25 g
Methanol s.q.m. ..... 100 ml

Order code	Package	Units/Box st.
251378.1610	500 ml	6
251378.1611	1000 ml	6

Eosin-Methylene Blue dye according to May Grünwald DC

for hematology, blood smear staining
NC: 3204 19 00
SPECIFICATIONS:
λ_1 of max. ABS in CH_3OH ..... 522-525 nm
λ_2 of max. ABS in CH_3OH ..... 651-654 nm
A 1%, 1 cm, λ_1 max ..... >550
A 1%, 1 cm, λ_2 max. ..... >1100
T.L.C. ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C 10%

Order code	Package	Units/Box st.
251415.1606	25 g	6
251415.1608	100 g	6

Eosin-Methylene Blue solution according to May Grünwald DC

for hematology, blood smear staining
NC: 3204 19 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H331-H311-H301-H370

1l~0,791kg 1kg~1,264l
Composition:
Eosin-Methylene Blue dye according to May Grünwald ..... 0,25 g
Methanol s.q.m. ..... 100 ml

Order code	Package	Units/Box st.
251416.1608	100 ml	6
251416.1610	500 ml	6
251416.1611	1000 ml	6
251416.1612	2,5 l	4

Eosin-Methylene Blue dye according to Wright DC

for hematology, blood smear staining

NC: 3204 19 00

SPECIFICATIONS:

λ_1 of max. ABS in CH_3OH ..... 523-525 nm
λ_2 of max. ABS in CH_3OH ..... 645-650 nm
A 1%; 1 cm; λ_1 max.....>500
A 1%; 1 cm; λ_2 max.....>1000
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 15 %

Order code	Package	Units/Box st.
251767.1606	25 g	6
251767.1608	100 g	6

Eosin-Methylene Blue solution according to Wright DC

for hematology, blood smear staining

NC: 3204 19 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,788kg 1kg~1,269l

Composition:
Eosin-Methylene Blue dye acc. to Wright. .....0,25 g
Methanol s.q.m.....100 ml

Order code	Package	Units/Box st.
251768.1608	100 ml	6
251768.1610	500 ml	6
251768.1611	1000 ml	6

Eosin Scarlett

(see Eosin Bluish)

Eosin Y

(see Eosin Yellowish)

Eosin Yellowish (C.I. 45380) PA-ACS

adsorption indicator

$C_{20}H_6Br_4Na_2O_5$

M: 691,86 CAS: 17372-87-1 EINECS: 241-409-6 NC: 3204 12 00

SPECIFICATIONS:

Identity.....IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... p/t.
Suitability as an adsorption indicator..... p/t.
Loss on drying at 110°C..... 8 %
Cu.....0,005 %
Fe.....0,005 %
Ni.....0,005 %
Pb.....0,005 %

Order code	Package	Units/Box st.
131299.1606	25 g	6
131299.1608	100 g	6

Eosin Yellowish (C.I. 45380) DC

for microscopy, vital staining and plasma staining

$C_{20}H_6Br_4Na_2O_5$

M: 691,86 CAS: 17372-87-1 EINECS: 241-409-6 NC: 3204 12 00

SPECIFICATIONS:

Identity.....IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 8 %

Order code	Package	Units/Box st.
251299.1606	25 g	6
251299.1608	100 g	6

Eosin Yellowish alcoholic solution 1% DC

for microscopy, vital staining and plasma staining

$C_{20}H_6Br_4Na_2O_5$

NC: 3822 00 00 UN: 1993 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 309 CAO: 310 (D/E)

Signal Word: Danger



H225

1l~0,827kg 1kg~1,209l

SPECIFICATIONS:

Composition:
Eosin Yellowish.....10 g
Acetic Acid glacial.....1 ml
Water.....50 ml
Ethanol 96%.....1000 ml

Order code	Package	Units/Box st.
256879.1210	500 ml (P)	6

Eosin Yellowish hydroalcoholic solution 1% DC

for microscopy, plasma staining

NC: 3204 12 00

1l~0,997kg 1kg~1,003l

Composition:
Eosin Yellowish.....1 g
Ethanol absolute.....10 ml
Water.....90 ml

Order code	Package	Units/Box st.
251301.1608	100 ml	6
251301.1609	250 ml	6
251301.1611	1000 ml	6

Epichlorohydrin, 98% PS

C_3H_5ClO

M: 92,52 CAS: 106-89-8 EINECS: 203-439-8 NC: 2910 30 00 UN: 2023
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H226-H331-H311-H301-H314-H317-H350

1l~1,183kg 1kg~0,845l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A036.1606	25 ml	6
15A036.1611	1000 ml	6
15A036.1612	2,5 l	4

EPPS

(see 3-[4(2-Hydroxyethyl)-1-Piperazinyl] Propanesulphonic Acid)

ERBIUM SOLUTIONS

(see Standards for ICP)

Eriochrome Black T (C.I. 14645) PA-ACS

for complexometry

$C_{20}H_{12}N_3NaO_7S$

M: 461,38 CAS: 1787-61-7 EINECS: 217-250-3 NC: 3204 16 00

SPECIFICATIONS:

Identity.....IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... p/t.
Sensitivity as complexometric indicator..... p/t.

Order code	Package	Units/Box st.
131439.1606	25 g	6
131439.1608	100 g	6

Eriochrome Black T solution 1% RV

for complexometry

$C_{20}H_{12}N_3NaO_7S$

M: 461,38 NC: 3822 00 00

1l~1,050kg 1kg~0,952l

Composition:
Eriochrome Black T.....1 g
Triethanolamine.....75 ml
Ethanol absolute.....25 ml

Order code	Package	Units/Box st.
281440.1208	100 ml (P)	6

Eriochrome Blue Black R

(see Calcon)

Eriochromecyanine R (C.I. 43820) PA

indicator for complexometry

$C_{23}H_{15}Na_3O_9S$

M: 536,40 CAS: 3564-18-9 EINECS: 222-641-7 NC: 3204 16 00

SPECIFICATIONS:

Identity.....IR p/t.
λ of max. ABS at pH 7..... 435-439 nm
A 1%, 1 cm, λmax. (a.d.s.).....>110
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
124253.1606	25 g	6

Erythrosin B (C.I. 45430) DC

for microscopy
$C_{20}H_6I_4Na_2O_5$
M: 879,92 CAS: 16423-68-0 EINECS: 240-474-8 NC: 3204 12 00
Signal Word: Warning



H302

SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 524-527 nm
A 1%; 1 cm; λmax ..... >850
Ratio λmax., P± 15 nm 1,15-1,55
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 10 %

Order code	Package	Units/Box st.
253982.1606	25 g	6

Esbach's Reagent DC

for determination of albumin
NC: 3822 00 00
Signal Word: Warning



H332-H312-H302

1l~0,987kg 1kg~1,013l
Composition:
Picric Acid ..... 1 g
Citric Acid 1-hydrate ..... 2 g
Ethanol absolute ..... 20 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251560.1610	500 ml	6

Estragole

(see 4-Allylanisole)

Ethanal

(see Acetaldehyde)

1,2-Ethanediamine

(see Ethylenediamine)

1,2-Ethanediol

(see Ethylene Glycol)

Ethanedioyl Dichloride

(see Oxalyl Chloride)

Ethanenitrile

(see Acetonitrile)

Ethanethioamide

(see Thioacetamide)

Ethanodial

(see Glyoxal)

Ethanol absolute (HPLC-gradient grade) PAI

CH_3CH_2OH
M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,790kg 1kg~1,266l
SPECIFICATIONS:
Minimum assay (G.C.) v/v ..... 99,9 %
Density at 20/4 0,789-0,790

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0002 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,1 %
Gradient:

λ (nm)	235	254
A (mAU)	5	2

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	225	240	260-400
A (AU)	1,000	0,456	0,222	0,071	0,009
T (%)	10	35	60	85	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 4,3
Eluotropic value E°(Al_2O_3) 0,88
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
221086.1611	1000 ml	6
221086.1612	2,5 l	4
221086.1616	25 l	

Ethanol absolute (UV-IR-HPLC) PAI

CH_3CH_2OH
M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,790kg 1kg~1,266l
SPECIFICATIONS:
Minimum assay (G.C.) v/v ..... 99,9 %
Density at 20/4 0,789-0,790

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,1 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	220	235	245	270-400
A (AU)	1,000	0,456	0,260	0,097	0,046	0,009
T (%)	10	35	55	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 4,3
Eluotropic value E°(Al_2O_3) 0,88
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361086.1611	1000 ml	6
361086.1612	2,5 l	4
361086.1646	4 l	4

Ethanol absolute dry (max. 0,02% water) DS

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v	99,8 %
Identity	IR p/t.
Density at 20/4	0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Carbonyl compounds (as CH_3CHO)	0,005 %
Water (H_2O)	0,02 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,00001 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
481086.1611	1000 ml	6

Ethanol absolute PA-ACS-ISO

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v	99,8 %
Identity	IR p/t.
Density at 20/20	0,790-0,793

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
Higher Alcohols (G.C.)	0,01 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
2-Propanol (G.C.)	0,003 %
Reducing substances to $KMnO_4$	p/t.
Darkened substances by H_2SO_4	p/t.
Acidity	0,00035 meq/g
Alkalinity	0,0002 meq/g
Carbonyl compounds (as CH_3CHO)	0,005 %
Water (H_2O)	0,2 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,1	P	0,2		

Order code	Package	Units/Box st.
131086.1611	1000 ml	6
131086.1211	1000 ml	6
131086.1612	2,5 l	4
131086.1212	2,5 l	4
131086.1214	5 l	4
131086.1315	10 l	(*)
131086.0716	25 l	

Ethanol absolute PA

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v	99,5 %
Identity	IR p/t.
Density at 20/4	0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
3-Methyl-1-Butanol (G.C.)	0,05 %
2-Propanol (G.C.)	0,02 %
Reducing substances to $KMnO_4$	p/t.
Darkened substances by H_2SO_4	p/t.
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Fusel oil	p/t.
Carbonyl compounds (as CH_3CHO)	0,005 %
Water (H_2O)	0,2 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,00001 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121086.1211	1000 ml	6
121086.1212	2,5 l	4
121086.1214	5 l	4
121086.1315	10 l	(*)
121086.0716	25 l	
121086.0718	60 l	
121086.0719	200 l	

Ethanol absolute PRS

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Assay (G.C.) v/v	99,5 %
Identity	IR p/t.
Density at 20/4	0,789-0,790
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,005 %
Acetone (G.C.)	0,005 %
Methanol (G.C.)	0,05 %
2-Propanol (G.C.)	0,05 %
Acidity	0,002 meq/g
Alkalinity	0,001 meq/g
Carbonyl compounds (as CH_3CHO)	0,01 %
Water (H_2O)	0,5 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141086.1211	1000 ml	6
141086.1212	2,5 l	4
141086.1214	5 l	4
141086.1315	10 l	(*)
141086.0716	25 l	
141086.0718	60 l	

(*) Sol-Pack pack with tap

Ethanol absolute (USP, BP, Ph. Eur.) CODEX

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v ..... 99,5 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 0,7907-0,7932

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Colour of solution (USP) ..... p/t.
Clarity of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Volatile impurities (G.C.) ..... p/t.
Non-volatile matter (w/v) ..... 0,0025 %
Acetone, 2-Propanol and 2-Methyl-2-Propanol ..... p/t.
Absorbance ..... p/t.
Transmitance (UV) according to USP ..... p/t.
Benzene (UV) ..... 0,0002 %
Butanone (G.C.) ..... 0,02 %
Methanol (G.C.) ..... 0,02 %
Reducing substances to $KMnO_4$ ..... p/t.
1-Pentanol, non-vol. matter and darkened subst. by H_2SO_4 ..... p/t.
Acidity and alkalinity ..... p/t.
Fusel oil ..... p/t.
Aldehydes (as CH_3CHO) ..... 0,001 %
Water (H_2O) ..... 0,5 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
191086.1211	1000 ml	6
191086.1212	2,5 l	4
191086.1214	5 l	4
191086.1315	10 l	(*)
191086.0716	25 l	
191086.0718	60 l	

Ethanol absolute (F.C.C.) ADITIO

extraction solvent for industrial food use
CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Assay (by volume) (equiv. to 99,3% w/w), not less than ..... 99,5 %
Acidity (as CH_3COOH), not more than ..... 0,003 %
Alkalinity (as NH_3), not more than ..... 3 ppm
Fusel Oil ..... p/t.
Ketones, 2-Propanol ..... p/t.
Methanol ..... p/t.
Non-volatile residue, not more than ..... 0,003 %
Solubility in water ..... p/t.
Substances darkened by H_2SO_4 ..... p/t.
Substances reducing $KMnO_4$ ..... p/t.
Arsenic, not more than ..... 1 ppm
Lead, not more than ..... 0,5 ppm
Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201086.1214	5 l	4
201086.0716	25 l	

Ethanol absolute, 99,5% PS

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,789-0,790
Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
161086.1211	1000 ml	6
161086.1212	2,5 l	4
161086.1714	5 l	4
161086.1315	10 l	(*)
161086.0616	25 l	

Ethanol absolute DC

dehydrating solvent for pathological anatomy
CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,790kg 1kg~1,266l

SPECIFICATIONS:

Assay (G.C.) v/v ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,0005 %
Water (H_2O) ..... 0,2 %
Filtered product (1 µm).

Order code	Package	Units/Box st.
251086.1211	1000 ml	6
251086.1212	2,5 l	4
251086.1214	5 l	4
251086.1315	10 l	(*)

Ethanol absolute partially denatured QP

contains 0,3% v/v of Diethyl Phthalate and 2 ppm of Bitrex
CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 20 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,791kg 1kg~1,264l

SPECIFICATIONS:

Minimum assay (as vol. of CH_3CH_2OH) ..... 99,5 %
Density at 20/4 0,789-0,793
Diethyl Phthalate (as v/v) ..... 0,3 %
Alkalinity (as NH_3) ..... 0,002 %
Water (H_2O) ..... 0,5 %
DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
212801.1211	1000 ml	6
212801.1214	5 l	4
212801.1315	10 l	(*)
212801.0716	25 l	
212801.0718	60 l	
212801.0719	200 l	

Ethanol 96% v/v (UV-IR-HPLC) PAI

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,805kg 1kg~1,242l

SPECIFICATIONS:

Minimum assay (v/v) ..... 96 %
Density at 20/4 0,804-0,807

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	207 (Cut off)	210	220	230	240	270-400
A (AU)	1,000	0,456	0,260	0,143	0,046	0,009
T (%)	10	35	55	72	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 4,3
Eluotropic value E°(Al_2O_3) 0,88
Sol.H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361085.1611	1000 ml	6

(*) Sol-Pack pack with tap

Ethanol 96% v/v PA-ACS

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,805kg 1kg~1,242l

SPECIFICATIONS:

Minimum assay (v/v)	96 %
Identity	IR p/t.
Density at 20/4	0,804-0,807

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
2-Propanol (G.C.)	0,003 %
Reducing substances to $KMnO_4$	p/t.
Darkened substances by H_2SO_4	p/t.
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Carbonyl compounds (as CH_3CHO)	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,1	P 0,2	

Order code	Package	Units/Box st.
131085.1611	1000 ml	6
131085.1211	1000 ml	6
131085.1612	2,5 l	4
131085.1212	2,5 l	4
131085.1214	5 l	4
131085.1315	10 l	(*)
131085.0716	25 l	

Ethanol 96% v/v PA

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,805kg 1kg~1,242l

SPECIFICATIONS:

Minimum assay (v/v)	96 %
Identity	IR p/t.
Density at 20/20	0,805-0,812

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
3-Methyl-1-Butanol (G.C.)	0,05 %
2-Propanol (G.C.)	0,02 %
Reducing substances to $KMnO_4$	p/t.
Darkened substances by H_2SO_4	p/t.
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Fusel oil	p/t.
Carbonyl compounds (as CH_3CHO)	0,005 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,00001 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121085.1211	1000 ml	6
121085.1212	2,5 l	4
121085.1214	5 l	4
121085.1315	10 l	(*)
121085.0716	25 l	
121085.0719	200 l	

Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,805kg 1kg~1,242l

SPECIFICATIONS:

Assay (G.C.) v/v	96,0-96,6 %
Identity according to Pharmacopoeias	p/t.
Density at 20/20	0,8051-0,8124

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t.
Colour of solution (USP)	p/t.
Clarity of solution (USP)	p/t.
Insoluble matter in H_2O	p/t.
Volatile impurities (G.C.)	p/t.
Non-volatile matter (w/v)	0,0025 %
Residual solvents (Ph.Eur./USP)	p/t.
Acetone (G.C.)	0,005 %
Acetone, 2-Propanol and 2-Methyl-2-Propanol	p/t.
Benzene (UV)	0,0002 %
Butanone (G.C.)	0,02 %
Methanol (G.C.)	0,02 %
2-Propanol (G.C.)	0,03 %
Reducing substances to $KMnO_4$	p/t.
1-Pentanol, non-volatile subst. and carbonized subst. by H_2SO_4	p/t.
Absorbance	p/t.
Acidity	0,002 meq/g
Alkalinity	0,001 meq/g
Acidity and alkalinity	p/t.
Fusel oil	p/t.
Aldehydes (as CH_3CHO)	0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141085.1211	1000 ml	6
141085.1212	2,5 l	4
141085.1214	5 l	4
141085.1315	10 l	(*)
141085.0716	25 l	
141085.0718	60 l	
141085.0719	200 l	

Ethanol 96% v/v (F.C.C.) ADITIO

extraction solvent for industrial food use

CH_3CH_2OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,805kg 1kg~1,242l

SPECIFICATIONS:

Assay (by volume) (equiv. to 92,3% w/w), not less than	94,9 %
Acidity (as CH_3COOH), not more than	0,003 %
Alkalinity (as NH_3), not more than	3 ppm
Fusel Oil	p/t.
Ketones, 2-Propanol	p/t.
Methanol	p/t.
Non-volatile residue, not more than	0,003 %
Solubility in water	p/t.
Substances darkened by H_2SO_4	p/t.
Substances reducing $KMnO_4$	p/t.
Arsenic, not more than	1 ppm
Lead, not more than	0,5 ppm
Specifications Dir. 88/344/CEE, F.C.C. 6	

Order code	Package	Units/Box st.
201085.1214	5 l	4
201085.0716	25 l	

(*) Sol-Pack pack with tap

Ethanol 96% v/v DC

dehydrating solvent for pathological anatomy
CH_3CH_2OH
M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225
1l~0,805kg 1kg~1,242l
SPECIFICATIONS:
Assay (G.C.) (v/v) ..... 96 %
Identity ..... IR p/t.
Density at 20/4 0,804-0,807
MAXIMUM LIMIT OF IMPURITIES
Non-volatile matter ..... 0,0005 %
Filtered product (1 µm).

Order code	Package	Units/Box st.
251085.1211	1000 ml	6
251085.1212	2,5 l	4
251085.1214	5 l	4
251085.1315	10 l	(*)

Ethanol 96% v/v partially denatured QP

contains 0,3% v/v of Diethyl Phthalate and 2 ppm of Bitrex
CH_3CH_2OH
M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 20 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225
1l~0,811kg 1kg~1,233l
SPECIFICATIONS:
Minimum assay (as vol. of CH_3CH_2OH) ..... 96,0 %
Density at 20/4 0,809-0,813
Diethyl Phthalate (v/v) ..... 0,3 %
Alkalinity (as NH_3) ..... 0,002 %
DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
212800.1211	1000 ml	6
212800.1214	5 l	4
212800.1315	10 l	(*)
212800.0716	25 l	
212800.0718	60 l	
212800.0719	200 l	

Ethanol 96% v/v totally denatured QP

contains 2% of Butanone, 2 ppm of Methylene Blue and 10 ppm of Bitrex
CH_3CH_2OH
M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 20 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225
1l~0,811kg 1kg~1,233l
SPECIFICATIONS:
Minimum assay (as vol. of CH_3CH_2OH) ..... 96 %
Density at 20/4 0,809-0,813
Butanone (v/v) ..... 2 %
Methylene Blue ..... 2 ppm
Alkalinity (as NH_3) ..... 0,002 %
DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
213973.1211	1000 ml	6
213973.1214	5 l	4

Ethanol 70% v/v (BP) CODEX

CH_3CH_2OH
M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2208 90 99 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 305 CAO: 307
Signal Word: Danger



H225
1l~0,890kg 1kg~1,124l
SPECIFICATIONS:
Assay (v/v) ..... 69,5-70,4 %
Apparent density (BP) ..... 883,5-885,8 Kg m^{-3}
MAXIMUM LIMIT OF IMPURITIES
Appearance ..... p/t.
Non-volatile matter (w/v) ..... 0,0025 %
Acidity or alkalinity ..... p/t.
Volatile impurities ..... p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm
Microfiltered product (0,22 µm) .....
This product has been manufactured according to European Pharmacopoeia 6.0, with raw material (141085 Ethanol 96% v/v) which passes the CODEX (USP 29, BP, Ph. Eur.) Specifications.

Order code	Package	Units/Box st.
192695.1211	1000 ml	6
192695.1212	2,5 l	4
192695.1214	5 l	4
192695.1315	10 l	(*)
192695.0716	25 l	

Ethanol 70% v/v ADITIO

extraction solvent for industrial food use
CH_3CH_2OH
M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2208 90 99 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 305 CAO: 307
Signal Word: Danger



H225
1l~0,890kg 1kg~1,124l
SPECIFICATIONS:
Assay (by volume) (equiv. to 62,5% w/w), not less than ..... 70 %
Acidity (as CH_3COOH), not more than ..... 0,003 %
Alkalinity (as NH_3), not more than ..... 3 ppm
Fusel Oil ..... p/t.
Ketones, 2-Propanol ..... p/t.
Methanol ..... p/t.
Non-volatile residue, not more than ..... 0,003 %
Solubility in water ..... p/t.
Substances darkened by H_2SO_4 ..... p/t.
Substances reducing $KMnO_4$ ..... p/t.
Arsenic, not more than ..... 1 ppm
Lead, not more than ..... 0,5 ppm
Specifications Dir. 88/344/CEE

Order code	Package	Units/Box st.
202695.1214	5 l	4
202695.0716	25 l	

mono-Ethanolamine

(see Ethanolamine)

(*) Sol-Pack pack with tap

Ethanolamine PA-ACS

$NH_2CH_2CH_2OH$

M: 61,08 CAS: 141-43-5 EINECS: 205-483-3 NC: 2922 11 00 UN: 2491
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H332-H312-H302-H314

1l~1,015kg 1kg~0,985l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	1,016-1,020

MAXIMUM LIMIT OF IMPURITIES

APHA colour	15
Non-volatile matter	0,2 %
Ethanol (G.C.)	0,1 %
Diethanolamine (G.C.)	0,3 %
Triethanolamine (G.C.)	0,1 %
Water (H_2O)	0,30 %
Heavy metals (as Pb)	0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ca	0,5
Cd	0,05
Co	0,02
Cr	0,02
Cu	0,1
Fe	5
Mg	5
Mn	0,05
Ni	0,02
Pb	0,1
Zn	0,1

Order code	Package	Units/Box st.
131924.1611	1000 ml	6
131924.1214	5 l	4
131924.0716	25 l	

Ethanolamine, 99% PS

$NH_2CH_2CH_2OH$

M: 61,08 CAS: 141-43-5 EINECS: 205-483-3 NC: 2922 11 00 UN: 2491
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H332-H312-H302-H314

1l~1,015kg 1kg~0,985l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,016-1,019
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
161924.1211	1000 ml	6
161924.1214	5 l	4
161924.0716	25 l	

Ethanol-Diethyl Ether 1:1 DC

for microscopy, fixing

NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l~0,774kg 1kg~1,292l

Composition:

Ethanol	500 ml
Diethyl Ether	500 ml

Order code	Package	Units/Box st.
251084.1610	500 ml	6

2-Ethoxyethanol

(see Ethylene Glycol mono-Ethyl Ether)

2-(2-Ethoxyethoxy) Ethanol

(see Diethylene Glycol mono-Ethyl Ether)

2-Ethoxy-2-Phenylacetophenone

(see Benzoin Ethyl Ether)

Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Density at 20/4	0,900-0,902

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,01 %
Darkened substances by H_2SO_4	p/t.
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	253 (Cut off)	255	257	260	263	265	270-400
A (AU)	1,000	0,699	0,495	0,301	0,097	0,046	0,009
T (%)	10	20	32	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	4,4
Eluotropic value ε°(Al_2O_3)	0,58
Sol. H_2O in solv. at 20°C	9,8
P' + 0,25 E	5,8

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361318.1611	1000 ml	6
361318.1612	2,5 l	4
361318.1616	25 l	

Ethyl Acetate (PAR) PAI

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,900-0,902

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,0008 meq/g
Water (H_2O)	0,02 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol)	p/t.

Order code	Package	Units/Box st.
321318.1611	1000 ml	6
321318.1612	2,5 l	4
321318.1646	4 l	4

Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,900-0,902

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Acetaldehyde (G.C.)	0,005 %
Acetone (G.C.)	0,005 %
Ethanol (G.C.)	0,1 %
Methanol (G.C.)	0,05 %
Methyl Acetate (G.C.)	0,1 %
Isopropyl Acetate (G.C.)	0,1 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0008 meq/g
Aldehydes	p/t.
Water (H_2O)	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,1
As	0,5	Ge	0,05	S	0,2
Au	0,1	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481318.1611	1000 ml	6

Ethyl Acetate (Reag. Ph. Eur.) PA-ACS-ISO

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/20	0,901-0,904
Boiling range	76-78°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Acetaldehyde (G.C.)	0,005 %
Acetone (G.C.)	0,005 %
Ethanol (G.C.)	0,1 %
Methanol (G.C.)	0,05 %
Methyl Acetate (G.C.)	0,1 %
Isopropyl Acetate (G.C.)	0,1 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0008 meq/g
Aldehydes	p/t.
Water (H_2O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,1
As	0,5	Ge	0,05	S	0,2
Au	0,1	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131318.1611	1000 ml	6
131318.1211	1000 ml	6
131318.1612	2,5 l	4
131318.1212	2,5 l	4
131318.1214	5 l	4
131318.0716	25 l	
131318.0718	60 l	
131318.0719	200 l	

Ethyl Acetate PRS

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word:
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,900-0,905
Non-volatile matter	0,005 %
Ethanol (G.C.)	0,5 %
Methanol (G.C.)	0,2 %
Methyl Acetate (G.C.)	0,2 %
Acidity	0,0015 meq/g
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141318.1211	1000 ml	6
141318.1212	2,5 l	4
141318.1214	5 l	4
141318.0716	25 l	
141318.0718	60 l	

Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Assay ($C_4H_8O_2$)	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
Density at 20/20	0,898-0,902
Refractive index n ^{20}/D	1,370-1,373

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,003 %
Related substances	p/t.
Darkened substances by H_2SO_4	p/t.
Acidity	p/t.
Water (H_2O)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t.

Order code	Package	Units/Box st.
191318.1214	5 l	4
191318.0716	25 l	

Ethyl Acetate (F.C.C.) ADITIO

extraction solvent for industrial food use

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Assay (as $C_4H_8O_2$), not less than	99,0 %
IR	p/t.
Refractive index	1,370-1,375
Specific gravity	0,894-0,898
Distillation range	76-77,5°C
Acidity value, not more than	5,0
Methyl compounds	p/t.
Residue on evaporation, not more than	0,02 %
Easily carbonizable substances	p/t.
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm
Specifications Dir. 88/344/CEE, F.C.C. 6	

Order code	Package	Units/Box st.
201318.1214	5 l	4
201318.0716	25 l	

Ethyl Acetate, 99,5% PS

$CH_3COOC_2H_5$

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,900-0,902
Non-volatile matter	0,001 %
Acidity (as CH_3COOH)	0,003 %
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
161318.1611	1000 ml	6
161318.1714	5 l	4
161318.0616	25 l	

Ethyl Acetate/Cyclohexane

(see Mixture Cyclohexane/Ethyl Acetate)

Ethyl Acetoacetate, 98% PS

$CH_3COCH_2COOC_2H_5$

M: 130,14 CAS: 141-97-9 EINECS: 205-516-1 NC: 2918 30 00
1l~1,029kg 1kg~0,972l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	1,027-1,030

Order code	Package	Units/Box st.
15A790.1211	1000 ml	6
15A790.1214	5 l	4
15A790.0716	25 l	

Ethyl Alcohol

(see Ethanol)

Ethyl Aldehyde

(see Acetaldehyde)

Ethylbenzene, 99% PS

C_8H_{10}

M: 106,17 CAS: 100-41-4 EINECS: 202-849-4 NC: 2902 60 00 UN: 1175
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332

1l~0,866kg 1kg~1,154l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,865-0,867
Non-volatile matter	0,001 %
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
163054.1611	1000 ml	6

Ethyl Benzoate PRS

$C_6H_5COOC_2H_5$

M: 150,18 CAS: 93-89-0 EINECS: 202-284-3 NC: 2916 31 00
1l~1,049kg 1kg~0,953l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,044-1,054
Non-volatile matter	0,01 %
Ethanol (G.C.)	0,1 %
Acidity (as $C_7H_6O_2$)	0,06 %
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141973.1611	1000 ml	6
141973.0716	25 l	

Ethyl Benzoate, 99% PS

$C_6H_5COOC_2H_5$

M: 150,18 CAS: 93-89-0 EINECS: 202-284-3 NC: 2916 31 00
1l~1,049kg 1kg~0,953l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151973.1608	100 ml	6
151973.1610	500 ml	6

O-Ethylbenzoin

(see Benzoin Ethyl Ether)

Ethyl Bromide

(see Bromoethane)

Ethyl Bromoacetate, 98% PS

$C_4H_7BrO_2$

M: 167,01 CAS: 105-36-2 EINECS: 203-290-9 NC: 2915 90 80 UN: 1603
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/P PAX: P CAO: P
Signal Word: Danger



H330-H310-H300

1l~1,506kg 1kg~0,664l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	1,504-1,508

Order code	Package	Units/Box st.
15A791.1608	100 ml	6
15A791.1610	500 ml	6

2-Ethylcaproic Acid

(see 2-Ethylhexanoic Acid)

Ethyl 4-Chloroacetoacetate, 98% PS

$C_6H_9ClO_3$

M: 164,59 CAS: 638-07-3 EINECS: 211-317-0 NC: 2918 30 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H311-H301-H314-H317-H411

1l~1,218kg 1kg~0,82l

SPECIFICATIONS:

Minimum Assay	98 %

Order code	Package	Units/Box st.
15A178.1607	50 ml	6

Ethyl Cyanide

(see Propionitrile)

Ethyldiglycol

(see Diethylene Glycol mono-Ethyl Ether)

N-Ethyl Di-Isopropylamine, 98% PS

$C_8H_{19}N$

M: 129,25 CAS: 7087-68-5 EINECS: 230-392-0 NC: 2921 19 80 UN: 2733
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302-H314

1l~0,742kg 1kg~1,348l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,740-0,760
Water (H_2O)	0,5 %

Order code	Package	Units/Box st.
15A837.1208	100 ml	6
15A837.1211	1000 ml	6

Ethylene Chloride

(see 1,2-Dichloroethane)

Ethylene Chlorohydrin

(see 2-Chloroethanol)

Ethylenediamine PA

$C_2H_8N_2$

M: 60,10 CAS: 107-15-3 EINECS: 203-468-6 NC: 2921 21 00 UN: 1604
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H226-H312-H302-H314-H334-H317

1l~0,899kg 1kg~1,112l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,895-0,900

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,05 %
Chloride (Cl)	0,01 %
Water (H_2O)	1 %
Heavy metals (as Pb)	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121869.1611	1000 ml	6

Ethylenediamine, 99% PS

$C_2H_8N_2$

M: 60,10 CAS: 107-15-3 EINECS: 203-468-6 NC: 2921 21 00 UN: 1604
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H226-H312-H302-H314-H334-H317

1l~0,899kg 1kg~1,112l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,897-0,900
Water (H_2O)	1 %

Order code	Package	Units/Box st.
161869.1611	1000 ml	6
161869.1612	2,5 l	4
161869.1214	5 l	4
161869.0716	25 l	

Ethylenediaminetetraacetic Acid PA-ACS

$C_{10}H_{16}N_2O_8$

M: 292,24 CAS: 60-00-4 EINECS: 200-449-4 NC: 2922 49 95
Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.)	99,4-100,6%
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH_4OH	0,005 %
Residue on ignition (as SO_4)	0,1 %
Nitriletriacetic Acid [$(CH_2COOH)_3N$]	0,1 %
Chloride (Cl)	0,005 %
Heavy metals (as Pb)	0,001 %
Ca	0,001 %
Cu	0,001 %
Fe	0,001 %
Mg	0,0005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131026.1209	250 g	6
131026.1210	500 g	6
131026.1211	1000 g	6
131026.0914	5 kg	4
131026.0416	25 kg	

Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_{10}H_{16}N_2O_8$

M: 292,24 CAS: 60-00-4 EINECS: 200-449-4 NC: 2922 49 95
Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.)	98,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residue on ignition (as SO_4)	0,2 %
Residual solvents (Ph.Eur./USP)	p/t.
Nitriletriacetic Acid [$(CH_2COOH)_3N$]	0,1 %
Chloride (Cl)	0,02 %
Heavy metals (as Pb)	0,002 %
Fe	0,005 %

Order code	Package	Units/Box st.
141026.1211	1000 g	6
141026.0914	5 kg	
141026.0416	25 kg	

Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_{10}H_{12}CaN_2Na_2O_8$

M: 374,27 CAS: 62-33-9 EINECS: 200-529-9 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.) calc. a.d.s	98,0-102,0%
Identity according to Pharmacopoeias	p/t.
pH of 20% solution	6,5-8,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Ethylenediaminetetraacetic Acid Disodium Salt	1,0 %
Magnesium-quelating substances	p/t.
Nitrilotriacetic Acid [$(CH_2COOH)_3N$]	0,1 %
Chloride (Cl)	0,1 %
Water (H_2O)	5,0-13,0 %
Heavy metals (as Pb)	0,002 %
Cu	0,002 %
Fe	0,008 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
144559.1211	1000 g	6
144559.0914	5 kg	

Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS

$C_{10}H_{14}K_2N_2O_8.2H_2O$

M: 404,47 CAS: 25102-12-9 EINECS: 217-895-0 NC: 2922 49 95
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)	98,0 %
Identity	IR p/t.
pH of 5% solution	4,0-5,5
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
142091.1208	100 g	6
142091.1210	500 g	6
142091.0914	5 kg	

Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS

$C_{10}H_{12}K_2MgN_2O_8.2H_2O$

M: 426,76 CAS: 15708-48-2 EINECS: 239-803-8 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.)	98 %
Identity	IR p/t.
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,05 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
142093.1209	250 g	6
142093.1211	1000 g	6
142093.0914	5 kg	
142093.0416	25 kg	

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS

$C_{10}H_{14}N_2Na_2O_8.2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)	99,0-101,0%
Identity	IR p/t.
pH of 5% solution	4,0-5,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrilotriacetic acid [$(CH_2COOH)_3N$]	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,02 %
Heavy metals (as Pb)	0,001 %
Ca	0,002 %
Cu	0,0001 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131669.1209	250 g P	6
131669.1210	500 g P	6
131669.1211	1000 g P	6
131669.0914	5 kg PP	4
131669.0416	25 kg PP	

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_{10}H_{14}N_2Na_2O_8.2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)	99,0-101,0%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,0-5,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,01 %
Loss on drying at 200°C 3 h	8,7-11,4 %
Residual solvents (Ph.Eur./USP)	p/t
Nitrilotriacetic Acid [$(CH_2COOH)_3$]	0,1 %
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,1 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	p/t.
Cu	0,002 %
Fe	0,0005 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141669.1211	1000 g P	6
141669.0914	5 kg PP	
141669.0416	25 kg PP	

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO

$C_{10}H_{14}N_2Na_2O_8.2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay ($C_{10}H_{14}N_2Na_2O_8.2H_2O$)	99,0-101,0%
Heavy metals (as Pb), not more than	0,002 %
Lead, not more than	10 ppm
Nitrilotriacetic Acid	0,1 %
pH of 1% solution	4,3-4,7
Calcium	p/t.

Specifications F.C.C. 6

Order code	Package	Units/Box st.
201669.0914	5 kg PP	
201669.0416	25 kg PP	

ETHYLENEDIAMINETETRAACETIC ACID DISODIUM SALT VOLUMETRIC SOLUTIONS

Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV

Indicator: Eriochrome Black T (ZnO)

$C_{10}H_{14}N_2Na_2O_8.2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181671.1211	1000 ml P	6
181671.1212	2,5 l P	4

Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV

1 ml corresponds to 10 mg/l CaO for 100 ml of water = 1°d (german degrees of hardness)

$C_{10}H_{14}N_2Na_2O_8.2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
184489.1211	1000 ml P	6

Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV

Indicator: Eriochrome Black T (ZnO)

$C_{10}H_{14}N_2Na_2O_8.2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,008kg 1kg~0,992l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
182120.1211	1000 ml P	6
182120.1315	10 l	(*)

Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV

Indicator: Eriochrome Black T (ZnO)

$C_{10}H_{14}N_2Na_2O_8.2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,017kg 1kg~0,983l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181670.1211	1000 ml P	6
181670.1212	2,5 l P	4
181670.1315	10 l	(*)

Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g $C_{10}H_{14}N_2Na_2O_8.2H_2O$) to prep.1l of 0,1M sol. SVc

CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

SPECIFICATIONS:

Titer	1,000 ±0,002

Order code	Package	Units/Box st.
303118.1920	1 ampoule	6

Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS

$Na_4C_{10}H_{12}N_2O_8.4H_2O$

M: 452,24 CAS: 13235-36-4 EINECS: 200-573-9 NC: 2922 49 95

Signal Word: Danger



H302-H318

SPECIFICATIONS:

Assay (Compl.)	98 %
Identity	IR p/t.
pH of 1% solution	10,4-11,4
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,002 %
Cu	0,0005 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141952.1210	500 g P	6
141952.1211	1000 g P	6
141952.0914	5 kg PP	
141952.0416	25 kg PP	

(*) Sol-Pack pack with tap

Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS

$C_{10}H_{13}K_3N_2O_8.2H_2O$

M: 442,57 CAS: 65501-24-8 EINECS: 241-543-5 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.)	98 %
Identity	IR p/t.
pH of 5% solution	8,0-9,0
Insoluble matter in H_2O	0,01 %
Heavy metals (as Pb)	0,01 %
Fe	0,02 %

Order code	Package	Units/Box st.
144108.1209	250 g	6
144108.1211	1000 g	6
144108.0914	5 kg	
144108.0416	25 kg	

Ethylene Dichloride

(see 1,2-Dichloroethane)

Ethylenedinitriletetraacetic Acid

(see Ethylenediaminetetraacetic Acid)

Ethylene Glycol (Reag. USP, Ph. Eur.) PA

CH_2OHCH_2OH

M: 62,07 CAS: 107-21-1 EINECS: 203-473-3 NC: 2905 31 00

Signal Word: Warning

H302

1l~1,115kg 1kg~0,897l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/20	1,113-1,115

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Residue on ignition (as SO_4)	0,003 %
Reducing substances to $KMnO_4$ (as O)	0,0003 %
Darkened substances by H_2SO_4	p/t.
Diethyleneglycol (G.C.)	0,05 %
Acidity	0,0005 meq/g
Water (H_2O)	0,1 %
Chloride (Cl)	0,0005 %
Sulphate (SO_4)	0,0005 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %

Order code	Package	Units/Box st.
121316.1211	1000 ml	6
121316.1212	2,5 l	4
121316.1214	5 l	4
121316.0716	25 l	
121316.0719	200 l	

Ethylene Glycol PRS

CH_2OHCH_2OH

M: 62,07 CAS: 107-21-1 EINECS: 203-473-3 NC: 2905 31 00

Signal Word: Warning

H302

1l~1,115kg 1kg~0,897l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,113-1,117
Residue on ignition (as SO_4)	0,01 %
Diethyleneglycol (G.C.)	0,1 %
Acidity (as CH_3COOH)	0,01 %
Water (H_2O)	0,3 %
Chloride (Cl)	0,03 %
Sulphate (SO_4)	0,01 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141316.1211	1000 ml	6
141316.1212	2,5 l	4
141316.1214	5 l	4
141316.0716	25 l	
141316.0718	60 l	
141316.0719	200 l	

Ethylene Glycol, 99% PS

CH_2OHCH_2OH

M: 62,07 CAS: 107-21-1 EINECS: 203-473-3 NC: 2905 31 00

Signal Word: Warning

H302

1l~1,115kg 1kg~0,897l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,113-1,117
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161316.1211	1000 ml	6
161316.1212	2,5 l	4
161316.1214	5 l	4
161316.0716	25 l	
161316.0718	60 l	

Ethyleneglycol mono-Butyl Ether

(see Ethylene Glycol mono-Butyl Ether)

Ethylene Glycol mono-Butyl Ether PRS

$CH_2OHCH_2OC_4H_9$

M: 118,17 CAS: 111-76-2 EINECS: 203-905-0 NC: 2909 43 00

Signal Word: Warning

H332-H312-H302-H319-H315

1l~0,901kg 1kg~1,110l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,899-0,902
Non-volatile matter	0,01 %
Acidity (as CH_3COOH)	0,01 %
Water (H_2O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141888.1211	1000 ml	6
141888.1214	5 l	4
141888.0716	25 l	

Ethylene Glycol mono-Ethyl Ether (Reag. USP, Ph. Eur.) PA

$C_4H_{10}O_2$

M: 90,12 CAS: 110-80-5 EINECS: 203-804-1 NC: 2909 44 00 UN: 1171

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger

H360FD-H226-H332-H312-H302

1l~0,932kg 1kg~1,073l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,930-0,933
Boiling range (>95% dist.)	133-135°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,005 %
Acidity	0,001 meq/g
Water (H_2O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121317.1611	1000 ml	6
121317.1214	5 l	4

Ethylene Glycol mono-Ethyl Ether PRS

$C_4H_{10}O_2$

M: 90,12 CAS: 110-80-5 EINECS: 203-804-1 NC: 2909 44 00 UN: 1171
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360FD-H226-H332-H312-H302

1l~0,932kg 1kg~1,073l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,930-0,933
Acidity	0,005 meq/g
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141317.1211	1000 ml	6
141317.1214	5 l	4
141317.0716	25 l	

Ethylene Glycol mono-Ethyl Ether, 99% PS

$C_4H_{10}O_2$

M: 90,12 CAS: 110-80-5 EINECS: 203-804-1 NC: 2909 44 00 UN: 1171
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360FD-H226-H332-H312-H302

1l~0,932kg 1kg~1,073l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,930-0,933
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
161317.1211	1000 ml	6
161317.1212	2,5 l	4
161317.1214	5 l	4
161317.0716	25 l	

Ethylene Glycol mono-Methyl Ether PA-ACS

$HOCH_2CH_2OCH_3$

M: 76,10 CAS: 109-86-4 EINECS: 203-713-7 NC: 2909 44 00 UN: 1188
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H226-H332-H312-H302

1l~0,966kg 1kg~1,035l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,964-0,968

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,005 %
Acidity	0,001 meq/g
Peroxides (as H_2O_2)	0,0003 %*
Water (H_2O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
131897.1611	1000 ml	6
131897.1612	2,5 l	4
131897.1214	5 l	4

Ethylene Glycol mono-Methyl Ether, 99% PS

$HOCH_2CH_2OCH_3$

M: 76,10 CAS: 109-86-4 EINECS: 203-713-7 NC: 2909 44 00 UN: 1188
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H360D-H226-H332-H312-H302

1l~0,966kg 1kg~1,035l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,964-0,968
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161897.1211	1000 ml	6
161897.1212	2,5 l	4
161897.1214	5 l	4
161897.0716	25 l	

Ethylene Glycol di-Methyl Ether PA

$C_4H_{10}O_2$

M: 90,12 CAS: 110-71-4 EINECS: 203-794-9 NC: 2909 44 00 UN: 2252
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H360FD-H225-EUH019-H332

1l~0,867kg 1kg~1,153l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,866-0,868

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,005 %
Peroxides (as H_2O_2)	0,005 %
Water (H_2O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
124468.1610	500 ml	6

Ethylene Glycol di-Methyl Ether, 99% PS

$C_4H_{10}O_2$

M: 90,12 CAS: 110-71-4 EINECS: 203-794-9 NC: 2909 44 00 UN: 2252
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H360FD-H225-EUH019-H332

1l~0,867kg 1kg~1,153l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,866-0,868
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
164468.1611	1000 ml	6
164468.1214	5 l	4

Ethylene Glycol mono-Phenyl Ether

(see 2-Phenoxyethanol)

Ethylene Tetrachloride

(see Tetrachloroethylene)

Ethylene Trichloride

(see Trichloroethylene)

Ethyl Ether

(see Diethyl Ether)

Ethylglycol

(see Ethylene Glycol mono-Ethyl Ether)

2-Ethylhexanoic Acid, 99% PS

$C_8H_{16}O_2$

M: 144,22 CAS: 149-57-5 EINECS: 205-743-6 NC: 2915 90 80

Signal Word: Warning



H361d

1l~0,906kg 1kg~1,104l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,905-0,907
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
163543.1609	250 ml	6
163543.1611	1000 ml	6

2-Ethyl-1-Hexanol PA

$C_8H_{18}O$

M: 130,23 CAS: 104-76-7 EINECS: 203-234-3 NC: 2905 16 10

Signal Word: Warning



H319-H315

1l~0,832kg 1kg~1,202l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,830-0,834

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,002 %
1-Octanol (G.C.) ..... 0,1 %
2-Octanol (G.C.) ..... 0,1 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,002 meq/g
Aldehydes ..... p/t.
Water (H_2O) ..... 0,15 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
122021.1611	1000 ml	6

2-Ethyl-1-Hexanol, 99% PS

$C_8H_{18}O$

M: 130,23 CAS: 104-76-7 EINECS: 203-234-3 NC: 2905 16 10

Signal Word: Warning



H319-H315

1l~0,832kg 1kg~1,202l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,830-0,834
Water (H_2O) ..... 0,15 %

Order code	Package	Units/Box st.
162021.1211	1000 ml	6
162021.1212	2,5 l	4

2-Ethylhexyl Alcohol

(see 2-Ethyl-1-Hexanol)

Ethyl Iodide

(see Iodoethane)

Ethyl 3-Iodobenzoate, 99% stabilized with copper PS

$C_9H_9IO_2$

M: 276,07 CAS: 58313-23-8 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

1l~1,660kg 1kg~0,602l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C054.1605	10 ml	6
15C054.1607	50 ml	6

Ethylketone

(see Diethylketone)

Ethyl (S)-(-)-Lactate PRS

$C_5H_{10}O_3$

M: 118,14 CAS: 687-47-8 EINECS: 211-694-1 NC: 2918 11 00 UN: 1192
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H335-H318

1l~1,031kg 1kg~0,97l

SPECIFICATIONS:

Assay (G.C.) ..... 98,0 %
Identity ..... IR p/t.
Density at 25/4 1,029-1,032
Non-volatile matter ..... 0,01 %
Ethanol (G.C.) ..... 0,2 %
Water (H_2O) ..... 0,3 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141319.1611	1000 ml	6
141319.1214	5 l	4
141319.0716	25 l	

Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO

$C_5H_{10}O_3$

M: 118,14 CAS: 687-47-8 EINECS: 211-694-1 NC: 2918 11 00 UN: 1192
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H335-H318

1l~1,031kg 1kg~0,97l

SPECIFICATIONS:

IR ..... p/t.
Assay ($C_5H_{10}O_3$), not less than ..... 98,0 %
Acidity value, not more than 1,0
Refractive index n^{20}/D ..... 1,410 - 1,420
Specific weight ..... 1,029 - 1,032
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201319.0716	25 l	

Ethyl (S)-(-)-Lactate, 98% PS

$C_5H_{10}O_3$

M: 118,14 CAS: 687-47-8 EINECS: 211-694-1 NC: 2918 11 00 UN: 1192
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H335-H318

1l~1,031kg 1kg~0,97l

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151319.1609	250 ml	6
151319.1611	1000 ml	6

Ethyl Malonate

(see Diethyl Malonate)

2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX

$C_9H_9HgNaO_2S$

M: 404,81 CAS: 54-64-8 EINECS: 200-210-4 NC: 2931 00 95 UN: 2025
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Assay (calc. a.d.s.) ..... 97,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
pH of 0,8% solution 6,0-8,0
pH of 1% solution 6,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Soluble matter in ether ..... 0,6 %
Loss on drying ..... 0,5 %
Darkened substances by H_2SO_4 ..... p/t.
Inorganic mercury compounds (as Hg) ..... 0,70 %

Order code	Package	Units/Box st.
143886.1608	100 g	6
143886.1611	1000 g	6

Ethyl Methyl Ketone
(see Butanone)

Ethyl Nitrite 50% in ethanol 96% v/v PS
C_2H_5ONO
M: 75,07 CAS: 109-95-5 EINECS: 203-722-6 NC: 2920 90 85 UN: 1194
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P
Signal Word: Danger


H224-H332-H312-H302

1l~0,864kg 1kg~1,157l
SPECIFICATIONS:
Assay (G.C.)..... ~50 %
Density at 20/4 0,840-0,850

Order code	Package	Units/Box st.
15A792.2210	500 ml	6

Ethyl Oxide
(see Diethyl Ether)

Ethyl Phenoxyacetate, 98% PS
$C_{10}H_{12}O_3$
M: 180,20 CAS: 2555-49-9 EINECS: 219-867-3 NC: 2909 30 90
1l~1,100kg 1kg~0,909l
SPECIFICATIONS:
Assay..... 98 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15C003.1606	25 ml	6
15C003.1608	100 ml	6

Ethyl Phenyl Ketone
(see Propiophenone)

2-Ethylpropionic Acid
(see 2-Methylbutyric Acid)

Ethyl Propyl Carbinol
(see 3-Hexanol)

Ethyl Trifluoroacetate, 98% PS
$C_4H_5F_3O_2$
M: 142,08 CAS: 383-63-1 EINECS: 206-851-6 NC: 2915 90 80 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H314-H400

1l~1,191kg 1kg~0,839l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity..... IR p/t.
Density at 20/4 1,191-1,194
Water (H_2O)..... 0,05 %

Order code	Package	Units/Box st.
15A793.1606	25 ml	6
15A793.1608	100 ml	6

Ethyl Violet (C.I. 42600) PA
for determination of surfactants
$C_{31}H_{42}ClN_3$
M: 492,10 CAS: 2390-59-2 EINECS: 219-231-5 NC: 3204 13 00
SPECIFICATIONS:
Identity..... IR p/t.
λ of max. ABS in H_2O ..... 594-597 nm
A 1%, 1cm, λmax..... >1600
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Cu..... 0,005 %
Fe..... 0,02 %
Ni..... 0,005 %
Pb..... 0,005 %

Order code	Package	Units/Box st.
123718.1606	25 g	6

Ethynylbenzene
(see Phenylacetylene)

Ethynyltrimethylsilane
(see Trimethylsilylacetylene)

Eucalyptol (USP) PRS-CODEX
$C_{10}H_{18}O$
M: 154,24 CAS: 470-82-6 EINECS: 207-431-5 NC: 2909 20 00
Signal Word: Warning


H226

1l~0,920kg 1kg~1,087l
SPECIFICATIONS:
Assay (G.C.)..... 98,0-100,0%
Identity according to Pharmacopoeias ..... p/t.
Density at 25 /25 0,921-0,924
Freezing point..... >0°C
Distillation range..... 174-177°C
Refractive index n ^{20}/D..... 1,455-1,460
Specific rotation [α]^{25}/D (without dil.) ..... -0,5 to +0,5°
MAXIMUM LIMIT OF IMPURITIES
Phenol ..... p/t.
Residual solvents (Ph.Eur./USP)..... p/t

Order code	Package	Units/Box st.
142085.1609	250 ml	6
142085.1611	1000 ml	6

Eucalyptol, 98% PS
$C_{10}H_{18}O$
M: 154,24 CAS: 470-82-6 EINECS: 207-431-5 NC: 2909 20 00
Signal Word: Warning


H226

1l~0,920kg 1kg~1,087l
SPECIFICATIONS:
Assay (G.C.)..... 98 %

Order code	Package	Units/Box st.
152085.1608	100 ml	6
152085.1610	500 ml	6

Eucalyptol QP
$C_{10}H_{18}O$
M: 154,24 CAS: 470-82-6 EINECS: 207-431-5 NC: 2909 20 00
Signal Word: Warning


H226

1l~0,920kg 1kg~1,087l
SPECIFICATIONS:
Assay (G.C.)..... 98 %
Density at 20/4 0,915-0,925
Insoluble matter in C_2H_5OH ..... p/t.

Order code	Package	Units/Box st.
212085.1609	250 ml	6
212085.1611	1000 ml	6
212085.1214	5 l	4

Eukitt ®, mounting medium DC
for microscopy, mounting medium (® Registered trade-mark of O. Kindler GmbH)
NC: 3822 00 00
Signal Word: Danger


H225-H332-H312-H315

SPECIFICATIONS:
Identity..... IR p/t.
Refractive Index n ^{20}/D..... 1,493-1,496

Order code	Package	Units/Box st.
253681.0008	100 ml	6
253681.0009	250 ml	6
253681.0010	500 ml	6

EUROPIUM SOLUTIONS
(see Standards for ICP)

Evans Blue (C.I. 23860) DC
$C_{34}H_{24}N_6Na_4O_{14}S_4$
M: 960,82 CAS: 314-13-6 EINECS: 206-242-5 NC: 3204 14 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger


H350-H360D-H332-H312-H302

SPECIFICATIONS:
Identity..... IR p/t.
λ of max. ABS in H_2O ..... 606-611 nm
A 1%, 1 cm, λmax (a.d.s.)..... >725
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C..... 15 %
Suitability for microscopy..... p/t.

Order code	Package	Units/Box st.
255486.1606	25 g	6

Fast Green FCF (C.I. 42053) DC

for microscopy
$C_{37}H_{34}N_2Na_2O_{10}S_3$
M: 808,84 CAS: 2353-45-9 EINECS: 219-091-5 NC: 3204 19 00
Signal Word: Warning


H351

SPECIFICATIONS:
Identity.....IR p/t.
λof max. ABS in C_2H_5OH 50%..... 622-626 nm
A 1%, 1 cm, λmax.....>110
Ratio λmax. P ± 15 nm..... 0,98-1,20
T.L.C. ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C..... 10 %

Order code	Package	Units/Box st.
255668.1606	25 g	6

Fast Staining in Haematology, Kit for

(see Kit for Fast Staining in Haematology)

FD &C Blue 1

(see Brilliant Blue FCF)

FD &C Yellow Nº 5

(see Tartrazine)

Fehling's A Reagent DC

for determination of glucose in urine and reducing sugars
NC: 3822 00 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning


H411

1l~1,024kg 1kg~0,977l
Composition:
Copper(II) Sulphate 5-hydrate.....48,30 g
Sulphuric Acid 96%.....1 ml
Water s.q.m. .....1 l

Order code	Package	Units/Box st.
251563.1210	500 ml	6
251563.1211	1000 ml	6

Fehling's B Reagent DC

for determination of glucose in urine and reducing sugars
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,215kg 1kg~0,823l
Composition:
Sodium Hydroxide.....90 g
Potassium Sodium Tartrate 4-hydrate.....300 g
Water s.q.m. .....1 l

Order code	Package	Units/Box st.
251564.1210	500 ml	6
251564.1211	1000 ml	6

Fehling's A Reagent VINIKIT

for determination of reducing sugars
NC: 3822 00 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning


H411

1l~1,045kg 1kg~0,957l
Composition:
Copper(II) Sulphate 5-hydrate.....70 g
Sulphuric Acid 96%.....1 ml
Water s.q.m .....1 l

Order code	Package	Units/Box st.
624568.1209	250 ml	6

Fehling's B Reagent VINIKIT

for determination of reducing sugars
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,239kg 1kg~0,807l
Composition:
Sodium Hydroxide.....100 g
Potassium Sodium Tartrate 4-hydrate.....346 g
Water s.q.m. .....1 l

Order code	Package	Units/Box st.
624569.1209	250 ml	6

Fehling's Reagent Composite DC

for determination of glucose in urine
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314-H411

1l~1,122kg 1kg~0,891l
Composition:
Fehling's A Reagent.....500 ml
Fehling's B Reagent .....500 ml

Order code	Package	Units/Box st.
253203.1611	1000 ml	6

Fermentation, Malo-Lactic

(see Malo-Lactic Kit)

Ferric

(see Iron(III) compounds)

Ferrocene, 98% PS

$(C_5H_5)_2Fe$
M: 186,04 CAS: 102-54-5 EINECS: 203-039-3 NC: 2931 00 95 UN: 1325
IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417
Signal Word: Danger


H228-H302-H411

SPECIFICATIONS:
Minimum assay ..... 98 %
Identity.....IR p/t.
Melting range..... 172-175 °C

Order code	Package	Units/Box st.
15A392.1608	100 g	6
15A392.1610	500 g	6

Ferroin solution 0,025 mol/l (0,025M) RV

redox indicator
$C_{36}H_{24}FeN_6O_4S$
M: 692,24 CAS: 14634-91-4 EINECS: 238-676-6 NC: 3822 00 00
Signal Word: Warning


H302-H412

1l~1,008kg 1kg~0,992l
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
Suitability as redox indicator..... p/t.

Order code	Package	Units/Box st.
283462.1608	100 ml	6
283462.1609	250 ml	6

Ferrous

(see Iron(II) compounds)

Ferrozine

(see 3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4',4"-Disulfonic Acid Disodium Salt)

Fixative Reagent DC

for electron microscopy, buffer

NC: 3822 00 00 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H331-H301

Composition:

Sodium Cacodylate ..... 2,14 g
Hydrochloric Acid 1 mol/l ..... 4 ml
Calcium Chloride 0,1 mol/l ..... 1 ml
Saccharose ..... 3 g
Water s.q.m ..... 100 ml
pH: 7,4

Order code	Package	Units/Box st.
255281.1210	500 ml (P)	6

Fixing for fast staining (Panoptic No. 1) DC

for microscopy, blood smear staining or medullary smear staining

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,791kg 1kg~1,264l

Composition:

Crystal Violet ..... 2 mg
Methanol s.q.m ..... 1000 ml

Order code	Package	Units/Box st.
254101.1210	500 ml (P)	6
254101.1212	2,5 l (P)	4

Fixing B-5 DC

for microscopy

NC: 3822 00 00 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H330-H310-H300-H373-H411

1l~1,051kg 1kg~0,951l

Composition:

Mercury(II) Chloride ..... 6 g
Sodium Acetate 3-hydrate ..... 2,06 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
253500.1211	1000 ml (P)	6

Fluoboric Acid

(see Tetrafluoroboric Acid)

Fluorene, 98% PS

$C_{13}H_{10}$

M: 166,22 CAS: 86-73-7 EINECS: 201-695-5 NC: 2902 90 90

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 114-116°C

Order code	Package	Units/Box st.
15B686.1206	25 g (P)	6
15B686.1208	100 g (P)	6
15B686.1210	500 g (P)	6

9-Fluorenylmethanol, 99% PS

$C_{14}H_{12}O$

M: 196,24 CAS: 24324-17-2 EINECS: 246-167-5 NC: 2906 29 00

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A456.1605	10 g	6
15A456.1607	50 g	6

(9-Fluorenylmethoxycarbonyl)

(see Fmoc derivatives)

N-(9-Fluorenylmethoxycarbonyloxy) Succinimide, 98% PS

$C_{19}H_{15}NO_5$

M: 337,33 CAS: 82911-69-1 NC: 2925 19 95

Signal Word: Warning



H302-H317-H411

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A457.1604	5 g	6
15A457.1606	25 g	6

Fluorescein (C.I. 45350) PA

adsorption indicator

$C_{20}H_{12}O_5$

M: 332,32 CAS: 2321-07-5 EINECS: 219-031-8 NC: 3204 12 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 487-491 nm
A 1%, 1 cm, λmax ..... >2200
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Sensitivity as Br reagent ..... p/t.
Suitability as adsorption indicator ..... p/t.

Order code	Package	Units/Box st.
121832.1606	25 g	6
121832.1608	100 g	6
121832.1609	250 g	6

Fluorescein Complexone

(see Calcein)

Fluorescein Sodium (C.I. 45350) PA

adsorption indicator

$C_{20}H_{10}Na_2O_5$

M: 376,30 CAS: 518-47-8 EINECS: 208-253-0 NC: 3204 12 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 488-490 nm
A 1%, 1 cm, λmax ..... >1750
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Acriflavine ..... p/t.
Reagent sensitivity to Br ..... p/t.

Order code	Package	Units/Box st.
122389.1606	25 g	6
122389.1608	100 g	6
122389.1609	250 g	6

Fluorexone

(see Calcein)

FLUORIDE SOLUTIONS

(see Standards for Atomic Absorption and Ionic Chromatography)

2-Fluoroacetamide, 98% PS

C_2H_4FNO

M: 77,06 CAS: 640-19-7 EINECS: 211-363-1 NC: 2924 19 00

Signal Word: Warning



H311-H300

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B410.1603	1 g	6
15B410.1604	5 g	6

2'-Fluoroacetanilide, 98% PS

C_8H_8FNO

M: 153,16 CAS: 399-31-5 EINECS: 206-916-9 NC: 2924 29 95

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B415.1604	5 g	6
15B415.1606	25 g	6

3'-Fluoroacetanilide, 98% PS

C_8H_8FNO

M: 153,16 CAS: 351-28-0 EINECS: 206-509-6 NC: 2924 29 95

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B416.1604	5 g	6
15B416.1606	25 g	6

4'-Fluoroacetanilide, 98% PS

C_8H_8FNO

M: 153,15 CAS: 351-83-7 EINECS: 206-515-9 NC: 2924 29 95

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B417.1606	25 g	6
15B417.1608	100 g	6

2'-Fluoroacetophenone, 97% PS

C_8H_7FO

M: 138,14 CAS: 445-27-2 EINECS: 207-156-0 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

1l~1,137kg 1kg~0,880l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B344.1604	5 ml	6
15B344.1606	25 ml	6

3'-Fluoroacetophenone, 98% PS

C_8H_7FO

M: 138,14 CAS: 455-36-7 EINECS: 207-245-4 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

1l~1,126kg 1kg~0,888l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B345.1604	5 ml	6
15B345.1606	25 ml	6

4'-Fluoroacetophenone, 98% PS

C_8H_7FO

M: 138,14 CAS: 403-42-9 EINECS: 206-960-9 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

1l~1,14kg 1kg~0,877l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B346.1606	25 ml	6
15B346.1608	100 ml	6

2-Fluoroaniline, 99% PS

C_6H_6FN

M: 111,12 CAS: 348-54-9 EINECS: 206-478-9 NC: 2921 42 10 UN: 2941
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H319-H315

1l~1,152kg 1kg~0,868l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B232.1606	25 ml	6
15B232.1608	100 ml	6

3-Fluoroaniline, 99% PS

C_6H_6FN

M: 111,12 CAS: 372-19-0 EINECS: 206-747-0 NC: 2921 42 10 UN: 2941
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H319-H315

1l~1,16kg 1kg~0,86l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B233.1606	25 ml	6
15B233.1608	100 ml	6

4-Fluoroaniline, 99% PS

C_6H_6FN

M: 111,12 CAS: 371-40-4 EINECS: 206-735-5 NC: 2921 42 10 UN: 2941
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H319-H315

1l~1,173kg 1kg~0,853l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B234.1607	50 ml	6
15B234.1609	250 ml	6

3-Fluoro-p-Anisaldehyde

(see 3-Fluoro-4-Methoxybenzaldehyde)

2-Fluoroanisole, 99% PS

C_7H_7FO

M: 126,13 CAS: 321-28-8 EINECS: 206-284-4 NC: 2909 30 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B241.1606	25 ml	6
15B241.1608	100 ml	6

3-Fluoroanisole, 99% PS

C_7H_7FO

M: 126,1 CAS: 456-49-5 EINECS: 207-267-4 NC: 2909 30 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~1,104kg 1kg~0,906l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B406.1606	25 ml	6
15B406.1608	100 ml	6

5-Fluoroanthranilic Acid

(see 2-Amino-5-Fluorobenzoic Acid)

2-Fluorobenzaldehyde, 97% PS

C_7H_5FO

M: 124,11 CAS: 446-52-6 EINECS: 207-171-2 NC: 2913 00 00 UN: 1989
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H302-H315

1l~1,178kg 1kg~0,849l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B282.1606	25 ml	6
15B282.1608	100 ml	6

3-Fluorobenzaldehyde, 99% PS

C_7H_5FO

M: 124,12 CAS: 456-48-4 EINECS: 207-266-9 NC: 2913 00 00 UN: 1989
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H302-H315

1l~1,17kg 1kg~0,85l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B283.1605	10 ml	6
15B283.1607	50 ml	6

4-Fluorobenzaldehyde, 99% PS

C_7H_5FO

M: 124,12 CAS: 459-57-4 EINECS: 207-293-6 NC: 2913 00 00 UN: 1989
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H315

1l~1,176kg 1kg~0,850l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B284.1607	50 ml	6
15B284.1609	250 ml	6

2-Fluorobenzoic Acid, 98% PS

$C_7H_5FO_2$

M: 140,12 CAS: 445-29-4 EINECS: 207-158-1 NC: 2916 39 00

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A961.1606	25 g	6
15A961.1608	100 g	6

2-Fluorobenzonitrile, 98% PS

C_7H_4FN

M: 121,11 CAS: 394-47-8 EINECS: 206-897-7 NC: 2926 90 95

1l~1,138kg 1kg~0,879l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B294.1604	5 ml	6
15B294.1606	25 ml	6

3-Fluorobenzonitrile, 98% PS

C_7H_4FN

M: 121,11 CAS: 403-54-3 EINECS: 206-963-5 NC: 2926 90 95
Signal Word: Warning



H332-H312-H302-H319-H335-H315

1l~1,133kg 1kg~0,883l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B295.1604	5 ml	6
15B295.1606	25 ml	6

4-Fluorobenzonitrile, 99% PS

C_7H_4FN

M: 121,11 CAS: 1194-02-1 EINECS: 214-784-9 NC: 2926 90 95

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B296.1604	5 g	6
15B296.1606	25 g	6

2-Fluorobenzoyl Chloride, 98% PS

C_7H_4ClFO

M: 158,56 CAS: 393-52-2 EINECS: 206-887-2 NC: 2916 39 00 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,331kg 1kg~0,751l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B371.1606	25 ml	6
15B371.1608	100 ml	6

3-Fluorobenzoyl Chloride, 98% PS

C_7H_4ClFO

M: 158,56 CAS: 1711-07-5 EINECS: 216-977-3 NC: 2916 39 00 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,304kg 1kg~0,767l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B372.1604	5 ml	6
15B372.1606	25 ml	6

2-Fluorobenzylamine, 97% PS

C_7H_8FN

M: 125,14 CAS: 89-99-6 EINECS: 201-957-9 NC: 2921 49 80 UN: 1719
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~1,095kg 1kg~0,913l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B389.1603	1 ml	6
15B389.1605	10 ml	6

3-Fluorobenzylamine, 97% PS

C_7H_8FN

M: 125,14 CAS: 100-82-3 EINECS: 202-891-3 NC: 2921 49 80 UN: 1719
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~1,097kg 1kg~0,912l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B390.1603	1 ml	6
15B390.1604	5 ml	6

4-Fluorobenzylamine, 97% PS

C_7H_8FN

M: 125,15 CAS: 140-75-0 EINECS: 205-430-4 NC: 2921 49 80 UN: 1719
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~1,095kg 1kg~0,913l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B391.1604	5 ml	6
15B391.1606	25 ml	6

2-Fluorobenzyl Bromide, 98% PS

C_7H_6BrF

M: 189,02 CAS: 446-48-0 EINECS: 207-169-1 NC: 2903 69 90 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,567kg 1kg~0,638l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B355.1604	5 ml	6
15B355.1606	25 ml	6

3-Fluorobenzyl Bromide, 98% PS

C_7H_6BrF

M: 189,03 CAS: 456-41-7 EINECS: 207-263-2 NC: 2903 69 90 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315

1l~1,546kg 1kg~0,647l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B356.1604	5 ml	6
15B356.1606	25 ml	6

4-Fluorobenzyl Bromide, 97% PS

C_7H_6BrF

M: 189,02 CAS: 459-46-1 EINECS: 207-291-5 NC: 2903 69 90 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,517kg 1 kg~0,659l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B357.1604	5 ml	6
15B357.1606	25 ml	6

2-Fluorobenzyl Chloride, 98% PS

C_7H_6ClF

M: 144,58 CAS: 345-35-7 EINECS: 206-460-0 NC: 2903 69 90 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,216kg 1kg~0,822l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B352.1606	25 ml	6
15B352.1608	100 ml	6

3-Fluorobenzyl Chloride, 97% PS

C_7H_6ClF

M: 144,58 CAS: 456-42-8 EINECS: 207-264-8 NC: 2903 69 90 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,213kg 1kg~0,824l

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B353.1604	5 ml	6
15B353.1606	25 ml	6

4-Fluorobenzyl Chloride, 99% PS

C_7H_6ClF

M: 144,58 CAS: 352-11-4 EINECS: 206-516-4 NC: 2903 69 90 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,212kg 1kg~0,825l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B354.1606	25 ml	6
15B354.1608	100 ml	6

4-Fluorocinnamic Acid, 98% PS

C_9H_7FO

M: 166,15 CAS: 459-32-5 EINECS: 207-288-9 NC: 2916 39 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A352.1604	5 g	6
15A352.1606	25 g	6

3'-Fluoro-4'-Methoxyacetophenone, 99% PS

$C_9H_9FO_2$

M: 168,17 CAS: 455-91-4 EINECS: 207-253-8 NC: 2914 50 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C057.1603	1 g	6
15C057.1604	5 g	6

3-Fluoro-4-Methoxybenzaldehyde, 98% PS

$C_8H_7FO_2$

M: 154,14 CAS: 351-54-2 EINECS: 206-514-3 NC: 2913 00 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C079.1603	1 g	6
15C079.1604	5 g	6

1-Fluoro-2-Nitrobenzene, 99% PS

$C_6H_4FNO_2$

M: 141,10 CAS: 1493-27-2 EINECS: 216-088-0 NC: 2904 90 85
Signal Word: Warning



H319

1l~1,335kg 1kg~0,749l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B585.1607	50 ml	6
15B585.1609	250 ml	6

1-Fluoro-4-Nitrobenzene, 99% PS

$C_6H_4FNO_2$

M: 141,10 CAS: 350-46-9 EINECS: 206-502-8 NC: 2904 90 85 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332

1l~1,329kg 1kg~0,752l

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B516.1608	100 ml	6
15B516.1610	500 ml	6

o-Fluoronitrobenzene

(see 1-Fluoro-2-Nitrobenzene)

p-Fluoronitrobenzene

(see 1-Fluoro-4-Nitrobenzene)

3-Fluorophenol, 99% PS

C_6H_5FO

M: 112,10 CAS: 372-20-3 EINECS: 206-748-6 NC: 2908 19 00 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning


H319-H315

1l~1,240kg 1kg~0,806l

SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B272.1605	10 ml	6
15B272.1607	50 ml	6

N-(4-Fluorophenyl) Acetamide

(see 4'-Fluoroacetanilide)

1-(2-Fluorophenyl) Ethanone

(see 2'-Fluoroacetophenone)

2-Fluorophenylhydrazinium Chloride, 97% PS

$C_6H_7FN_2 \cdot HCl$

M: 162,60 CAS: 2924-15-4 EINECS: 220-885-9 NC: 2928 00 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H312-H302-H319-H335-H315

SPECIFICATIONS:
Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B382.1604	5 g	6
15B382.1606	25 g	6

3-Fluorophenylhidrazinium Chloride, 97% PS

$C_6H_7FN_2 \cdot HCl$

M: 162,60 CAS: 2924-16-5 EINECS: 220-886-4 NC: 2928 00 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H312-H302-H319-H335-H315

SPECIFICATIONS:
Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B383.1604	5 g	6
15B383.1605	10 g	6

4-Fluorophenylhydrazinium Chloride, 97% PS

$C_6H_7FN_2 \cdot HCl$

M: 162,59 CAS: 823-85-8 EINECS: 212-521-2 NC: 2928 00 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger


H350i-H331-H311-H301-H317-H410

SPECIFICATIONS:
Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B384.1605	10 g	6
15B384.1607	50 g	6

4-Fluorothiophenol, 98% PS

C_6H_5FS

M: 128,16 CAS: 371-42-6 EINECS: 206-737-6 NC: 2930 90 85 UN: 1992
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H319-H335-H315

1l~1,203kg 1kg~0,831l

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B639.1605	10 ml	6
15B639.1606	25 ml	6

2-Fluorotoluene, 99% PS

C_7H_7F

M: 110,13 CAS: 95-52-3 EINECS: 202-428-5 NC: 2903 69 90 UN: 2388
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H319-H335-H315

1l~1,004kg 1kg~0,996l

SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B303.1608	100 ml	6
15B303.1610	500 ml	6

N-Fmoc-L-Alanine, 98% PS

$C_{18}H_{17}NO_4$

M: 311,83 CAS: 35661-39-3 EINECS: 252-660-6 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B097.1603	1 g	6
15B097.1604	5 g	6

N-α-Fmoc-L-Arginine, 98% PS

$C_{21}H_{24}N_4O_4$

M: 396,44 CAS: 91000-69-0 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B104.1603	1 g	6
15B104.1604	5 g	6

N-α-Fmoc-L-Asparagine, 98% PS

$C_{19}H_{18}N_2O_5$

M: 354,36 CAS: 71989-16-7 EINECS: 276-252-2 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B105.1604	5 g	6
15B105.1606	25 g	6

N-Fmoc-L-Aspartic Acid, 98% PS

$C_{19}H_{17}NO_6$

M: 355,35 CAS: 119062-05-4 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B106.1603	1 g	6
15B106.1604	5 g	6

N-α-Fmoc-L-Glutamine, 98% PS

$C_{20}H_{20}N_2O_5$

M: 368,38 CAS: 71989-20-3 EINECS: 276-254-3 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B107.1604	5 g	6
15B107.1606	25 g	6

N-Fmoc-Glycine, 98% PS

$C_{17}H_{15}NO_4$

M: 297,32 CAS: 29022-11-5 EINECS: 249-373-3 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B108.1603	1 g	6
15B108.1604	5 g	6

N-Fmoc-L-Isoleucine, 98% PS

$C_{21}H_{23}NO_4$

M: 353,41 CAS: 71989-23-6 EINECS: 276-255-9 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B109.1604	5 g	6
15B109.1606	25 g	6

N-Fmoc-L-Leucine, 98% PS

$C_{21}H_{23}NO_4$

M: 353,41 CAS: 35661-60-0 EINECS: 252-662-7 NC: 2922 49 95

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B110.1604	5 g	6
15B110.1606	25 g	6

N-Fmoc-L-Methionine, 98% PS

$C_{20}H_{21}NO_4S$

M: 371,46 CAS: 71989-28-1 EINECS: 276-258-5 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B111.1603	1 g	6
15B111.1604	5 g	6

N-Fmoc-L-Phenylalanine, 98% PS

$C_{24}H_{21}NO_4$

M: 387,43 CAS: 35661-40-6 EINECS: 252-661-1 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B112.1604	5 g	6
15B112.1606	25 g	6

N-Fmoc-L-Proline, 98% PS

$C_{20}H_{19}NO_4$

M: 337,37 CAS: 71989-31-6 EINECS: 276-259-0 NC: 2922 49 95

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B113.1604	5 g	6
15B113.1606	25 g	6

N-Fmoc-L-Serine, 98% PS

$C_{18}H_{17}NO_5$

M: 327,34 CAS: 73724-45-5 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B114.1604	5 g	6
15B114.1606	25 g	6

N-Fmoc-L-Threonine 1-hydrate, 98% PS

$C_{19}H_{19}NO_5.H_2O$

M: 359,38 CAS: 73731-37-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B115.1604	5 g	6

N-α-Fmoc-L-Tryptophan, 98% PS

$C_{26}H_{22}N_2O_4$

M: 426,47 CAS: 35737-15-6 EINECS: 252-70-65 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B116.1603	1 g	6
15B116.1604	5 g	6

N-Fmoc-L-Tyrosine, 98% PS

$C_{24}H_{21}NO_5$

M: 403,43 CAS: 92954-90-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B117.1603	1 g	6
15B117.1604	5 g	6

N-Fmoc-L-Valine, 98% PS

$C_{20}H_{21}NO_4$

M: 339,39 CAS: 68858-20-8 EINECS: 272-515-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B118.1603	1 g	6
15B118.1604	5 g	6

Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX

$C_{19}H_{19}N_7O_6$

M: 441,40 CAS: 59-30-3 EINECS: 200-419-0 NC: 2936 29 10

SPECIFICATIONS:

Assay (HPLC) calc. a.a.s. ..... 98,0-102,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,2 %
Related substances ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t.
Water (H_2O) ..... 5,0-8,5 %

Order code	Package	Units/Box st.
14B216.1209	250 g	6

Folic Acid (F.C.C.) ADITIO

$C_{19}H_{19}N_7O_6$

M: 441,40 CAS: 59-30-3 EINECS: 200-419-0 NC: 2936 29 10

SPECIFICATIONS:

Assay (HPLC) calc. a.a.s. ..... 98,0-102,0 %
Ratio A_{256}/A_{365} 2,80-3,00
Residue on ignition, not more than ..... 0,3 %
Water (H_2O), not more than ..... 8,5 %
Lead, not more than ..... 2 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
20B216.1208	100 g	6
20B216.1211	1 kg	

Folic Acid, 97% PS

$C_{19}H_{19}N_7O_6$

M: 441,40 CAS: 59-30-3 EINECS: 200-419-0 NC: 2936 29 10

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B216.1605	10 g	6
15B216.1607	50 g	6

Folin's A Reagent cuprotartaric DC

for determination of amylasemie, galactose and glucose

NC: 3822 00 00

H412

1l~1,041kg 1kg~0,961l

Composition:
Sodium Carbonate 10-hydrate ..... 10,7 g
Tartaric Acid ..... 0,75 g
Copper(II) Sulphate 5-hydrate ..... 0,45 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251565.1609	250 ml	6

Folin's B Reagent phosphotungstic-molybdic DC

for determination of amylasemie, galactose and glucose

NC: 3822 00 00

1l~1,269kg 1kg~0,788l

Composition:
Molybdic Acid 85% ..... 7 g
Sodium Tungstate 2-hydrate ..... 1 g
Sodium Hydroxide pellets ..... 4 g
orto-Phosphoric Acid 85% ..... 25 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251566.1609	250 ml	6

Folin-Ciocalteu's Reagent DC

phenol reagent

NC: 3822 00 00

1l~1,234kg 1kg~0,810l

Composition:
Sodium Tungstate 2-hydrate ..... 10 g
Sodium Molybdate 2-hydrate ..... 2,5 g
ortho-Phosphoric Acid 85% ..... 5 ml
Hydrochloric Acid 35% ..... 10 ml
Lithium Sulphate 1-hydrate ..... 15 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251567.1609	250 ml	6

Folin-Ciocalteu's Reagent VINIKIT

phenol reagent

NC: 3822 00 00

1l~1,234kg 1kg~0,810l

Composition:
Sodium Tungstate 2-hydrate ..... 10 g
Sodium Molybdate 2-hydrate ..... 2,5 g
ortho-Phosphoric Acid 85% ..... 5 ml
Hydrochloric Acid 35% ..... 10 ml
Lithium Sulphate 1-hydrate ..... 15 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
621567.1609	250 ml	6

Folin-Denis' Reagent DC

for determination of uric acid
NC: 3822 00 00
Signal Word: Warning



H319-H315-
1l~1,137kg 1kg~0,879l
Composition:
Sodium Tungstate 2-hydrate ..... 10 g
ortho-Phosphoric Acid 85% ..... 8 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251568.1609	250 ml	6

Formaldehyde 37-38% w/w stabilized with methanol PA-ACS

CH_2O
M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H331-H311-H301-H314-H351-H317
1l~1,08kg 1kg~0,93l
SPECIFICATIONS:
Assay (Acidim.) ..... 36,5-38,0 %
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,005 %
Acidity ..... 0,006 meq/g
Methanol (G.C.)v/v ..... 9,0-14,0 %
Chloride (Cl) ..... 0,0005 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
Metals by ICP [mg/Kg (ppm)]

Ag	1	Fe	1	Pb	1
Al	1	Ga	1	Pt	1
As	1	Ge	1	S	1
Au	1	Hg	1	Sb	1
B	1	In	1	Si	1
Ba	1	K	10	Sn	1
Be	1	Li	1	Sr	1
Bi	1	Mg	1	Ti	1
Ca	5	Mn	1	Tl	1
Cd	1	Mo	1	V	1
Co	1	Na	10	Zn	1
Cr	1	Ni	1	Zr	1
Cu	1	P	1		

Order code	Package	Units/Box st.
131328.1211	1000 ml	6
131328.1212	2,5 l	4
131328.1214	5 l	4
131328.0716	25 l	
131328.0718	60 l	

Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH_2O
M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H331-H311-H301-H314-H351-H317
1l~1,08kg 1kg~0,93l
SPECIFICATIONS:
Assay ..... 37,0-38,0 %
Identity according to Pharmacopoeias ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity ..... p/t.
Methanol (G.C.)(v/v) ..... 9,0-15,0 %
Chloride (Cl) ..... 0,003 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141328.1211	1000 ml	6
141328.1212	2,5 l	4
141328.1214	5 l	4
141328.0716	25 l	
141328.0718	60 l	
141328.0719	200 l	

Formaldehyde 35-40% w/v stabilized with methanol QP

CH_2O
M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H331-H311-H301-H314-H351-H317
1l~1,08kg 1kg~0,93l
SPECIFICATIONS:
Assay (Acidim.) ..... 35-40 %
Methanol (G.C.) v/v ..... 9-14 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Fe ..... 0,002 %

Order code	Package	Units/Box st.
211328.1211	1000 ml	6
211328.1214	5 l	4
211328.0716	25 l	
211328.0718	60 l	
211328.0719	200 l	

Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC

for histology
CH_2O
M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H331-H311-H301-H314-H351-H317
1l~1,08kg 1kg~0,93l
SPECIFICATIONS:
Assay (Iodom.) ..... 30-36 %
pH 6,8-7,2

Order code	Package	Units/Box st.
253572.1211	1000 ml	6
253572.1212	2,5 l	4
253572.1214	5 l	4
253572.0716	25 l	

Formaldehyde solution 10% neutralized, stabilized with methanol PRS

CH_2O
M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00
Signal Word: Warning



H332-H312-H302-H319-H335-H315-H351-H317
1l~1,028kg 1kg~0,973l
SPECIFICATIONS:
Assay (Iodom.) ..... 10 %

Order code	Package	Units/Box st.
143091.1214	5 l	4
143091.0716	25 l	

Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC

for histology
CH_2O
M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00
Signal Word: Warning



H351-H317
1l~1,019kg 1kg~0,981l
SPECIFICATIONS:
Assay (Iodom.) ..... 3,7-4,0 %
pH 6,8-7,2
Methanol (w/v) ..... 1 - 1,5 %

Order code	Package	Units/Box st.
252931.0922	48 x 20 ml	6
252931.1211	1000 ml	6
252931.1212	2,5 l	4
252931.1214	5 l	4
252931.1315	10 l	(*)
252931.0716	25 l	
252931.0718	60 l	

p-Formaldehyde

(see Paraformaldehyde)

(*) Sol-Pack pack with tap

Formaldehyde Dimethylacetal , 98% PS

$CH_3OCH_2OCH_3$

M: 76,10 CAS: 109-87-5 EINECS: 203-714-2 NC: 2911 00 00 UN: 1234
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Warning



H225-H317

1l~0,858kg 1kg~1,165l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,858-0,860
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
15A798.1611	1000 ml	6

Formaldehyde Ethylene Acetal

(see 1,3-Dioxolane)

Formaldehyde Sodium Sulphoxylate

(see Sodium Formaldehyde Sulphoxylate x-hydrate)

Formaldehyde Sulphoxylate Sodium Salt

(see Sodium Formaldehyde Sulphoxylate x-hydrate)

Formaldehyde, Substitute of

(see Histofix)

Formaline

(see Formaldehyde)

Formamide PA-ACS

$HCONH_2$

M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
Signal Word: Danger



H360D

1l~1,134kg 1kg~0,882l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	1,132-1,135
Freezing point	2,0-3,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Formic Acid (HCOOH)	0,02 %
Water (H_2O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,5	Ga	0,5	Pt	0,5
Al	0,5	Ge	0,5	S	0,5
Au	0,5	Hg	0,5	Sb	0,5
B	0,5	In	0,5	Si	0,5
Ba	0,5	K	20	Sn	5
Be	0,5	Li	0,5	Sr	0,5
Bi	0,5	Mg	1	Ti	0,5
Ca	5	Mn	1	Tl	0,5
Cd	1	Mo	0,5	V	0,5
Co	1	Na	20	Zn	1
Cr	1	Ni	1	Zr	0,5
Cu	1	P	0,5		
Fe	1	Pb	1		

Order code	Package	Units/Box st.
131956.1611	1000 ml	6
131956.1612	2,5 l	4

Formamide PRS

$HCONH_2$

M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
Signal Word: Danger



H360D

1l~1,134kg 1kg~0,882l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,132-1,135
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,2 %
Methanol (G.C.)	0,2 %
Formic Acid (HCOOH)	0,02 %
Water (H_2O)	0,3 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
141956.1211	1000 ml	6
141956.1214	5 l	4
141956.0716	25 l	

Formamide, 98% PS

$HCONH_2$

M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
Signal Word: Danger



H360D

1l~1,134kg 1kg~0,882l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR s/e.
Density at 20/4	1,132-1,135
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
161956.1211	1000 ml	6
161956.1214	5 l	4

Formamide AQUAMETRIC KF dry RV

for volumetric Karl Fischer titrations

$HCONH_2$

M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
Signal Word: Danger



H360D

1l~1,134kg 1kg~0,882l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Density at 20/4	1,132-1,135

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O)	0,03 %

Order code	Package	Units/Box st.
281956.1611	1000 ml	6

Formamidinium Acetate, 99% PS

$C_3H_8N_2O_2$

M: 104,11 CAS: 3473-63-0 EINECS: 222-442-5 NC: 2925 19 95
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15B687.1208	100 g	6
15B687.1210	500 g	6

Formic Acid 98% PA-ACS

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,22kg 1kg~0,82l

SPECIFICATIONS:

Minimum assay (Acidim.)	98,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	15
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,003 %
Acetic Acid (CH_3COOH)	0,4 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,003 %
Sulphite (SO_3)	0,001 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,02	Fe	0,1	Pb	0,02
Al	0,05	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,02	Sb	0,02
B	0,05	Hg	0,1	Si	0,1
Ba	0,05	In	0,05	Sn	0,05
Be	0,02	K	0,1	Sr	0,02
Bi	0,05	Li	0,02	Ti	0,05
Ca	0,5	Mg	0,5	Tl	0,02
Cd	0,05	Mn	0,05	V	0,02
Co	0,02	Mo	0,02	Zn	0,05
Cr	0,02	Na	1	Zr	0,05
Cu	0,02	Ni	0,05		

Order code	Package	Units/Box st.
131030.1611	1000 ml	6
131030.1612	2,5 l	4
131030.1214	5 l	4

Formic Acid 98% PRS

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,22kg 1kg~0,82l

SPECIFICATIONS:

Assay (Acidim.)	98 %
Non-volatile matter	0,01 %
Chloride (Cl)	0,002 %
Ammonium (NH_4)	0,01 %
Sulphate (SO_4)	0,005 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141030.1611	1000 ml	6
141030.1612	2,5 l	4
141030.1214	5 l	4
141030.0716	25 l	
141030.0718	60 l	

Formic Acid 98% (F.C.C.) ADITIO

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,22kg 1kg~0,82l

SPECIFICATIONS:

Assay (as CH_2O_2), not less than	98,0 %
Acetic Acid, not more than	0,4 %
Oxalic Acid, not more than	0,5 %
Non-volatile residue, not more than	0,05 %
Specific weight at 20°C	1,216-1,220
Aldehydes	p/t.
Dilution test	p/t.
Formaldehyde, not more than	0,1 %
Heavy metals (as Pb), not more than	10 ppm
Chloride (Cl), not more than	50 ppm
Sulphate, not more than	0,004 %
Sulphite	p/t.

Specifications Dir.76/463/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201030.1214	5 l	4

Formic Acid 85% PA

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,20kg 1kg~0,83l

SPECIFICATIONS:

Minimum assay (Acidim.)	85,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	15
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,002 %
Acetic Acid (CH_3COOH)	0,4 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,002 %
Sulphite (SO_3)	0,001 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Fe 0,1	Pb 0,02
Al 0,05	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,05	In 0,05	Sn 0,05
Be 0,02	K 0,1	Sr 0,02
Bi 0,05	Li 0,02	Ti 0,05
Ca 0,5	Mg 0,5	Tl 0,02
Cd 0,05	Mn 0,05	V 0,02
Co 0,02	Mo 0,02	Zn 0,05
Cr 0,02	Na 1	Zr 0,05
Cu 0,02	Ni 0,05	

Order code	Package	Units/Box st.
121029.1611	1000 ml	6
121029.1612	2,5 l	4
121029.1214	5 l	4
121029.0716	25 l	

Formic Acid 85% PRS

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,20kg 1kg~0,83l

SPECIFICATIONS:

Assay (Acidim.)	85 %
Non-volatile matter	0,01 %
Chloride (Cl)	0,002 %
Ammonium (NH_4)	0,01 %
Sulphate (SO_4)	0,005 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141029.1611	1000 ml	6
141029.1612	2,5 l	4
141029.1214	5 l	4
141029.0716	25 l	

Formic Acid 85% (F.C.C.) ADITIO

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,20kg 1kg~0,83l

SPECIFICATIONS:

Assay (as CH_2O_2), not less than	85,0 %
Acetic Acid, not more than	0,4 %
Oxalic Acid, not more than	0,5 %
Non-volatile residue, not more than	0,05 %
Aldehydes	p/t.
Dilution test	p/t.
Formaldehyde, not more than	0,1 %
Heavy metals (as Pb), not more than	10 ppm
Chloride (Cl), not more than	50 ppm
Sulphate, not more than	0,004 %
Sulphite	p/t.

Specifications F.C.C. 6

Order code	Package	Units/Box st.
201029.1214	5 l	4

Formic Acid Amide

(see Formamide)

Formic Acid Dimethylamide

(see N,N-Dimethylformamide)

Formol

(see Formaldehyde)

Formol Absorbent RE

NC: 3822 00 00
Signal Word: Warning



H319

SPECIFICATIONS:

Suitability as formol absorbent p/t.

Order code	Package	Units/Box st.
176457.1210	500 g	6
176457.1211	1000 g	6

3-Formylbenzonitrile

(see 3-Cyanobenzaldehyde)

2-Formylpyrrole

(see Pyrrole-2-Carboxaldehyde)

Fried Oils Kit

(see OXI-OLEO-TEST)

D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{12}O_6$

M: 180,16 CAS: 57-48-7 EINECS: 200-333-3 NC: 1702 50 00

SPECIFICATIONS:

Assay (as $C_6H_{12}O_6$) 98,0-102,0%
Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}/D$ c=10 (in H_2O) calc. a.d.s ..... -91,0 to-93,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance and colour of solution ..... p/t.
Loss on drying at 70°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Acidity ..... p/t.
Foreign sugars ..... p/t.
Hydroxymethylfurfural and related compounds ..... p/t.
Water (H_2O) ..... 0,5 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Calcium and Magnesium (as Ca) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Ba ..... p/t.
Ca ..... 0,002 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Mg ..... 0,002 %
Ni ..... 0,001 %
Pb ..... 0,00005 %

Order code	Package	Units/Box st.
142728.1210	500 g P	6
142728.1211	1000 g P	6
142728.1214	5 kg P	4

D(-)-Fructose (F.C.C.) ADITIO

$C_6H_{12}O_6$

M: 180,16 CAS: 57-48-7 EINECS: 200-333-3 NC: 1702 50 00

SPECIFICATIONS:

Assay (as $C_6H_{12}O_6$) after drying 98,0-102,0%
Arsenic (as As), not more than ..... 1 ppm
Lead, not more than ..... 0,1 ppm
Chloride, not more than ..... 0,018 %
Glucose, not more than ..... 0,5 %
Hydroxymethylfurfural (calc. on the dried basis), not more than .... 0,1 %
Loss on drying, not more than ..... 0,5 %
Residue on ignition, not more than ..... 0,5 %
Sulphate, not more than ..... 0,025 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202728.1214	5 kg P	4
202728.0416	25 kg PP	

Fuchsin Acid (C.I. 42685) DC

for microscopy, blood smear staining

$C_{20}H_{17}N_3Na_2O_9S_3$

M: 585,54 CAS: 3244-88-0 EINECS: 221-816-5 NC: 3204 12 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in HCl 0,005 mol/l ..... 540-545 nm
A 1%, 1 cm, λmax ..... >800
Ratio λmax. P ± 15 nm 1,10-1,26
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
251331.1605	10 g	6
251331.1607	50 g	6

Fuchsin Basic (C.I. 42510) DC

for microscopy, nucleus and Koch's bacilli staining

$C_{20}H_{20}ClN_3$

M: 337,85 CAS: 632-99-5 EINECS: 211-189-6 NC: 3204 13 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in C_2H_5OH 50% ..... 549-552 nm
A 1%, 1 cm, λmax ..... >1600
Ratio λmax. P±15 nm 1,16-1,35
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 15 %

Order code	Package	Units/Box st.
251332.1606	25 g	6
251332.1608	100 g	6

Fuchsin Basic-Carbol solution according to Ziehl DC

for microscopy, nucleus and Koch's bacilli staining and for staining according to Gram-Nicolle

NC: 3204 13 00

Signal Word: Danger

H225-H312-H302-H319-H315

1l~0,994kg 1kg~1,006l

Composition:
Basic Fuchsin ..... 0,74 g
Phenol ..... 5 ml
Ethanol absolute ..... 10 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251333.1609	250 ml	6
251333.1611	1000 ml	6
251333.1612	2,5 l	4

Fuchsin S

(see Fuchsin Acid)

Fumaric Acid (USP-NF) PRS-CODEX

HOOCCHCHCOOH

M: 116,07 CAS: 110-17-8 EINECS: 203-743-0 NC: 2917 19 90

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s 99,5-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,05 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Maleic acid (HPLC) ..... 0,1 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Water (H_2O) ..... 0,5 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142344.1210	500 g P	6
142344.0416	25 kg PP	

Fumaric Acid (E-297, F.C.C.) ADITIO

HOOCCHCHCOOH

M: 116,07 CAS: 110-17-8 EINECS: 203-743-0 NC: 2917 19 90

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (as $C_4H_4O_4$) calc. on the anh. basis 99,5-100,5%
Maleic Acid, not more than ..... 0,1 %
Residue on ignition, not more than ..... 0,1 %
Water, not more than ..... 0,5 %
Loss on drying ..... 0,5 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 2 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202344.1214	5 kg P	4
202344.0416	25 kg PP	

Fumaric Acid, 99% PS

HOOCCHCHCOOH

M: 116,07 CAS: 110-17-8 EINECS: 203-743-0 NC: 2917 19 90

Signal Word: Warning

H319

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
162344.1210	500 g P	6
162344.1211	1000 g P	6
162344.0914	5 kg PP	
162344.0416	25 kg PP	

Fumaric Acid Dichloride
(see Fumaryl Chloride)

Fumaric Acid Dimethyl Ester
(see Dimethyl Fumarate)

Fumaroyl Dichloride
(see Fumaryl Chloride)

Fumaryl Chloride, 97% PS
$C_4H_2Cl_2O_2$
M: 152,96 CAS: 627-63-4 EINECS: 211-005-4 NC: 2917 19 90 UN: 1780
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314-H335-H312-H302
1l~1,408kg 1kg~0,710 l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A803.1606	25 ml	6
15A803.1608	100 ml	6

2-Furaldehyde
(see Furfural)

2-Furancarboxyaldehyde
(see Furfural)

2-Furancarboxylic Acid
(see 2-Furoic Acid)

2,5-Furandione
(see Maleic Anhydride)

Furfural stabilized with ~0,1% of BHT (Reag. USP, Ph. Eur.) PA-ACS
$C_5H_4O_2$
M: 96,09 CAS: 98-01-1 EINECS: 202-627-7 NC: 2932 12 00 UN: 1199
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H312-H331-H301-H319-H335-H315-H351
1l~1,160kg 1kg~0,862l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98,0 %
Identity ..... IR p/t.
Density at 20/20 1,155-1,161
Distillation range (>95% dist.) ..... 159-162°C
MAXIMUM LIMIT OF IMPURITIES
Non-volatile matter ..... 0,5 %
Acidity ..... 0,02 meq/g
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
131334.1609	250 ml	6

Furfural, 98% stabilized with ~0,1% of BHT PS
$C_5H_4O_2$
M: 96,09 CAS: 98-01-1 EINECS: 202-627-7 NC: 2932 12 00 UN: 1199
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H312-H331-H301-H319-H335-H315-H351
1l~1,160kg 1kg~0,862l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,158-1,164
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
161334.1611	1000 ml	6

Furfuraldehyde
(see Furfural)

Furfurol
(see Furfural)

Furfuryl Alcohol, 98% PS
$C_5H_6O_2$
M: 98,10 CAS: 98-00-0 EINECS: 202-626-1 NC: 2932 13 00 UN: 2874
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H312-H302-H331-H319-H335-H351-H373
1l~1,132kg 1kg~0,883l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,131-1,134
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
15A706.1611	1000 ml	6

2-Furoic Acid, 98% PS
$C_5H_4O_3$
M: 112,09 CAS: 88-14-2 EINECS: 201-803-0 NC: 2932 19 00
Signal Word: Warning



H319-H335-H315
SPECIFICATIONS:
Minimum assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 130-133 °C

Order code	Package	Units/Box st.
15A664.1208	100 g	6

GADOLINIUM SOLUTIONS
(see Standards for ICP)

Gallic Acid 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS
$C_7H_6O_5.H_2O$
M: 188,14 CAS: 5995-86-8 EINECS: 205-749-9 NC: 2918 29 80
Signal Word: Warning



H319-H335-H315
SPECIFICATIONS:
Minimum assay (Acidim.) a.a.s ..... 99,0 %
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Loss on drying at 105°C ..... 7-10 %
Residue on ignition (as SO_4) ..... 0,01 %
Sulphate (SO_4) ..... 0,005 %

Order code	Package	Units/Box st.
132830.1608	100 g	6

Gallic Acid 1-hydrate, 99% PS
$C_7H_6O_5.H_2O$
M: 188,14 CAS: 5995-86-8 EINECS: 205-749-9 NC: 2918 29 80
Signal Word: Warning



H319-H335-H315
SPECIFICATIONS:
Assay (Acidim.) a.a.s. ..... 99 %
Identity ..... IR p/t.
Loss on drying at 105°C ..... 7-10 %

Order code	Package	Units/Box st.
152830.1608	100 g	6
152830.1610	500 g	6

GALLIUM SOLUTIONS
(see Standards for ICP)

Gelatine 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

Conductivity at 30±1,0°C	1 mS/cm
Identity according to Pharmacopoeias	p/t.
pH of 1% solution	3,8-7,6
T.L.C. (phenolic preservatives)	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O and odour	p/t.
Loss on drying at 105°C	15,0 %
Residue on ignition	2,0 %
Residual solvents (Ph.Eur./USP)	p/t
Peroxides (as H_2O_2)	0,0010 %
Sulfur dioxide	0,004 %
Heavy metals (as Pb)	0,005 %
Total aerobic microbial count (TAMC)	1000 cfu/g
Total combined yeast and moulds (TYMC)	100 cfu/g
Salmonella	absence/10 g
Escherichia coli	absence/g
As	0,00008 %
Cu	0,003 %
Cr	0,001 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %
Zn	0,003 %

Order code	Package	Units/Box st.
142060.1210	500 g (P)	6
142060.1211	1000 g (P)	6
142060.0914	5 kg (PP)	

Gelatine 80-100 Blooms ADITIO

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

Arsenic (as As), not more than	1 ppm
Ash	0,5-3 %
Sulphur Dioxide, not more than	50 ppm
Lead, not more than	5 ppm
Copper, not more than	30 ppm
Iron, not more than	50 ppm
Zinc, not more than	50 ppm
Loss on drying	8-13 %
Viscosity	10-75 mPas
Jelly strength	0-300 °Bloom
pH	4-9
Insoluble in water	p/t.
Microbial limit:	
Aerobic mesophil colons 31±1°C, not more than	5000 col/g
Total enterobacteriaceae	Absence/g
Cl.perfringens	Absence/g
Salmonella-Shigella	Absence/25g

Order code	Package	Units/Box st.
202060.0914	5 kg (PP)	
202060.0416	25 kg	

Gelatine, Bacteriological (Ingredient) CULTIMED

Demonstration of proteoytic microorganisms.

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

pH of 2% solution	4,0-7,5
Loss on drying	13 %
Residue on ignition	1 %

Order code	Package	Units/Box st.
403902.1210	500 g (P)	6

Gelatine Gold DC

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

Jelly strength	190-220 °Bloom
Viscosity	2,8 - 3,8 mPas
pH sol. 6,7% at 45°C	4,7 - 5,7

MAXIMUM LIMIT OF IMPURITIES

Ash	1,5 %
Loss on drying	11-15 %

Order code	Package	Units/Box st.
251336.0910	500 g	6
251336.0911	1000 g	6

Gelatine Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6-7,5
Loss on drying at 105°C	10 %
Residuo de calcinación (as SO_4)	15 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403686.1210	500 g (P)	6
403686.0914	5 kg (PP)	
403686.0416	25 kg (PP)	

General Absorbent QP

NC: 2839 90 90

SPECIFICATIONS:

Absortion power to H_2SO_4	p/t.
Absortion power to NaOH	p/t.
Absortion power to Br	p/t.

Order code	Package	Units/Box st.
212520.1210	500 g (P)	6
212520.0914	5 kg (PP)	
212520.0416	25 kg (PP)	

Gentian Violet (C.I. 42535+42555) DC

for microscopy, bacteria staining according to Gram

CAS: 548-62-9 EINECS: 208-953-6 NC: 3204 13 00

Signal Word: Danger



H302-H351-H318-H410

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in C_2H_5OH 50%	587-590 nm
A 1%, 1 cm, λmax	>2000
Ratio λmax. P ± 15 nm	0,98-1,25
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	10 %

Order code	Package	Units/Box st.
251765.1606	25 g	6
251765.1608	100 g	6
251765.1609	250 g	6

Gentian Violet hydroalcoholic solution 1% (C.I. 42555) (USP) CODEX

$C_{25}H_{30}ClN_3$

M: 407,99 NC: 3822 00 00

1l~0,983kg 1kg~1,017l

SPECIFICATIONS:

Assay ($C_{25}H_{30}ClN_3$) (w/v)	0,95-1,05%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Solubility of residue in alcohol	p/t.
Ethanol	8,0-10,0 %
Residual solvents (Ph.Eur./USP)	p/t.

Order code	Package	Units/Box st.
191403.1611	1000 ml	6

Gentian Violet Phenique DC

solution for microscopy, bacteria staining according to Gram-Nicolle

NC: 3822 00 00 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H312-H302-H319-H315

1l~0,988kg 1kg~1,012l

Composition:

Gentian Violet	0,67 g
Phenol	2,05 g
Ethanol absolute	11,7 ml
Water	100 ml

Order code	Package	Units/Box st.
251766.1608	100 ml	6
251766.1609	250 ml	6

Geraniol, 97% PS

$C_{10}H_{18}O$

M: 154,24 CAS: 106-24-1 EINECS: 203-377-1 NC: 2905 22 10

Signal Word: Warning



H319-H335-H315

1l~0,88kg 1kg~1,14l

SPECIFICATIONS:

Assay (G.C.)	97 %
Identity	IR p/t.
Density at 20/4	0,877-0,880

Order code	Package	Units/Box st.
15A805.1608	100 ml	6

GERMANIUM SOLUTIONS

(see Standards for ICP)

Gibberellic Acid, 90% PS

$C_{19}H_{22}O_6$

M: 346,38 CAS: 77-06-5 EINECS: 201-001-0 NC: 2932 29 85

SPECIFICATIONS:

Minimum assay ..... 90 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A682.1603	1 g	6

Gibberellin

(see Gibberellic Acid)

Giemsa's Solution

(see Azur-Eosin-Methylene Blue solution according to Giemsa)

Giemsa's Stain

(see Azur-Eosin-Methylene Blue dye according to Giemsa)

GILL'S HEMATOXYLIN SOLUTIONS

Gill's Hematoxylin I solution DC

for microscopy, vagina smear staining

NC: 3203 00 10

Signal Word: Warning

H302

1l~1,045kg 1kg~0,957l

Composition:

Sodium Iodate ..... 20 mg
Hematoxylin ..... 200 mg
Aluminium Sulphate 18-hydrate ..... 1,76 g
Acetic Acid Glacial ..... 2 ml
Ethylene Glycol ..... 25 ml
Water ..... 73 ml

Order code	Package	Units/Box st.
252974.1211	1000 ml	6

Gill's Hematoxylin II solution DC

for microscopy, vagina smear staining

NC: 3203 00 10

Signal Word: Warning

H302

1l~1,055kg 1kg~0,948l

Composition:

Sodium Iodate ..... 40 mg
Hematoxylin ..... 400 mg
Aluminium Sulphate 18-hydrate ..... 3,52 g
Acetic Acid Glacial ..... 3,8 ml
Ethylene Glycol ..... 25 ml
Water ..... 71 ml

Order code	Package	Units/Box st.
252998.1211	1000 ml	6

Gill's Hematoxylin III solution DC

for microscopy, vagina smear staining

NC: 3203 00 10

Signal Word: Warning

H302

1l~1,069kg 1kg~0,935l

Composition:

Sodium Iodate ..... 60 mg
Hematoxylin ..... 600 mg
Aluminium Sulphate 18-hydrate ..... 5,28 g
Acetic Acid Glacial ..... 5,7 ml
Ethylene Glycol ..... 25 ml
Water ..... 69 ml

Order code	Package	Units/Box st.
252999.1211	1000 ml	6

Glass Wool washed QP

CAS: 65997-17-3 EINECS: 266-046-0 NC: 7019 31 00

SPECIFICATIONS:

Soluble matter in HCl ..... 1 %
Chloride (Cl) ..... 0,01 %

Order code	Package	Units/Box st.
211376.1208	100 g	6
211376.1209	250 g	6

D-Gluconic Acid Calcium Salt

(see Calcium D-Gluconate 1-hydrate)

D-Gluconic Acid Sodium Salt

(see Sodium D-Gluconate)

D(+)-Glucose anhydrous PA-ACS

$C_6H_{12}O_6$

M: 180,16 CAS: 50-99-7 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Identity ..... IR p/t.
Specific rotation $[\alpha]^{25}$/D c=10 (in H_2O) ..... +52,5 to +53,0°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,003 %
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,01 %
Acidity (as CH_3COOH) ..... 0,015 %
Starch ..... p/t.
Chloride (Cl) ..... 0,0025 %
Sulphate and Sulphite (as SO_4) ..... 0,0025 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00004 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Fe 5	Sb 1
B 1	In 1	Se 5
Ba 1	K 1	Sr 1
Be 1	Mg 5	Ti 1
Ca 5	Mn 1	Tl 1
Cd 10	Mo 1	V 1
Co 1	Ni 5	Zn 5
Cr 1	Pb 5	Zr 1
Cu 5	Pt 1	

Order code	Package	Units/Box st.
131341.1210	500 g	6
131341.1211	1000 g	6
131341.0914	5 kg	4
131341.0416	25 kg	

D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX

$C_6H_{12}O_6$

M: 180,16 CAS: 50-99-7 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in H_2O) calc. a.a.s. ..... +52,6 to +53,2°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity or alkalinity ..... p/t.
Foreign sugars, soluble starch and dextrin ..... p/t.
Chloride (Cl) ..... 0,0125 %
Sulphate (SO_4) ..... 0,02 %
Sulphite (as SO_2) ..... 0,0015 %
Water (H_2O) ..... 0,5 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Ba ..... p/t.
Ca ..... 0,02 %
Fe ..... 0,0005 %
Pb ..... 0,00005 %

Order code	Package	Units/Box st.
141341.1210	500 g	6
141341.1211	1000 g	6
141341.0914	5 kg	4
141341.0416	25 kg	

D(+)-Glucose anhydrous (F.C.C.) ADITIO

$C_6H_{12}O_6$

M: 180,16 CAS: 50-99-7 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Assay ($C_6H_{12}O_6$), calc. on the dried basis
(of reducing sugar content, glucose equivalent) 99,5-100,5%
Arsenic (as As), not more than ..... 1 ppm
Chloride, not more than ..... 0,018 %
Loss on drying, not more than ..... 2,0 %
Residue on ignition, not more than ..... 0,1 %
Specific rotation $[\alpha]^{25}$/D after drying ..... +52,6 to +53,2°
Starch ..... p/t.
Sulphur Dioxide, not more than ..... 0,002 %
Lead, not more than ..... 0,1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201341.0914	5 kg	
201341.0416	25 kg	

D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX

$C_6H_{12}O_6.H_2O$

M: 198,17 CAS: 5996-10-1 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in H_2O) calc. a.a.s. .....+52,6 to +53,2°

MAXIMUM LIMIT OF IMPURITIES

Appearance and colour of solution ..... p/t.
Insoluble matter in H_2O..... 0,01 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP)..... p/t.
Acidity or alkalinity..... p/t.
Foreign sugars, soluble starch and dextrins ..... p/t.
Chloride (Cl)..... 0,0125 %
Sulphate (SO_4) ..... 0,02 %
Sulphite (as SO_2)..... 0,0015 %
Water (H_2O) .....7,5-9,5 %
Heavy metals (as Pb)..... 0,0005 %
As ..... 0,0001 %
Ba ..... p/t.
Ca ..... 0,02 %
Fe..... 0,0005 %
Pb ..... 0,00005 %

Order code	Package	Units/Box st.
143140.1210	500 g (P)	6
143140.1211	1000 g (P)	6
143140.0914	5 kg (PP)	
143140.0416	25 kg (PP)	

D(+)-Glucose 1-hydrate (F.C.C.) ADITIO

$C_6H_{12}O_6.H_2O$

M: 198,17 CAS: 5996-10-1 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Assay ($C_6H_{12}O_6$), calc. on the dried basis
(of reducing sugar content, glucose equivalent) 99,5-100,5%
Arsenic (as As), not more than ..... 1 ppm
Chloride, not more than..... 0,018 %
Loss on drying, not more than ..... 10,0 %
Residue on ignition, not more than ..... 0,1 %
Specific rotation $[\alpha]^{25}$/D after drying .....+52,6 to+53,2°
Starch ..... p/t.
Sulphur Dioxide, not more than..... 0,002 %
Lead, not more than ..... 0,1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203140.0914	5 kg (PP)	
203140.0416	25 kg (PP)	

Glucose Reagent

(see o-Toluidine solution 6%)

L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

$C_5H_9NO_4$

M: 147,13 CAS: 56-86-0 EINECS: 200-293-7 NC: 2922 42 00

SPECIFICATIONS:

Assay calc. a.d.s. .....98,5-100,5 %
Identity according to Pharmacopoeias ..... p/t.
T.L.C. ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in HCl 1 mol/l)
(calc. a.d.s.) .....+30,5 to +32,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in HCl 1 mol/l..... p/t.
Loss on drying at 105°C..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur.) ..... p/t.
Chloride (Cl)..... 0,01 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb)..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142042.1209	250 g (P)	6
142042.1210	500 g (P)	6
142042.0914	5 kg (PP)	

L-Glutamic Acid (E-620, F.C.C.) ADITIO

$C_5H_9NO_4$

M: 147,13 CAS: 56-86-0 EINECS: 200-293-7 NC: 2922 42 00

SPECIFICATIONS:

Assay (as $C_5H_9NO_4$) calc. a.d.s .....99,0-101,0 %
pH of saturated solution..... 3,0-3,5
Lead, not more than ..... 2 ppm
Loss on drying, not more than ..... 0,1 %
Residue on ignition, not more than ..... 0,2 %
Specific rotation $[\alpha]^{20}$/D calc. a.d.s. .....+31,5 to +32,2°
Chloride, not more than..... 0,2 %
Carboxylic pyrrolidone acid, not more than ..... 0,2 %
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202042.1211	1 kg (P)	6
202042.0914	5 kg (PP)	

L-Glutamic Acid, 99% PS

$C_5H_9NO_4$

M: 147,13 CAS: 56-86-0 EINECS: 200-293-7 NC: 2922 42 00

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152042.1608	100 g	6
152042.1611	1000 g	6

Glutamic Acid 5-Amide

(see Glutamine)

L-Glutamine (USP) PRS-CODEX

$C_5H_{10}N_2O_3$

M: 146,15 CAS: 56-85-9 EINECS: 200-292-1 NC: 2924 19 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. .....98,5-101,5 %
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=4 (in H_2O) .....+6,3 to +7,3°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,05 %
Loss on drying at 105°C..... 0,3 %
Residue on ignition (as SO_4) ..... 0,3 %
Residual solvents (Ph.Eur./USP)..... p/t
Chloride (Cl)..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Heavy metals (as Pb)..... 0,0015 %
As ..... 0,00015 %
Cu ..... 0,002 %
Fe..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141343.1210	500 g (P)	6
141343.0914	5 kg (PP)	

L-Glutamine, 99% PS

$C_5H_{10}N_2O_3$

M: 146,15 CAS: 56-85-9 EINECS: 200-292-1 NC: 2924 19 00

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
151343.1608	100 g	6
151343.1610	500 g	6

GLUTARALDEHYDE SOLUTIONS

Glutaraldehyde solution 25% PS

$C_5H_8O_2$

M: 100,12 CAS: 111-30-8 EINECS: 203-856-5 NC: 2912 19 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H331-H301-H314-H334-H317-H400

1l~1,061kg 1kg~0,943l

SPECIFICATIONS:

Minimum assay (Oximeacidim.)..... 25 %
Density at 20/4 1,059-1,063

Order code	Package	Units/Box st.
163857.1609	250 ml	6
163857.1611	1000 ml	6

Glutaraldehyde solution 25% DC

$C_5H_8O_2$

M: 100,12 CAS: 111-30-8 EINECS: 203-856-5 NC: 2912 19 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H331-H301-H314-H334-H317-H400

1l~1,061kg 1kg~0,943l

SPECIFICATIONS:
Minimum assay (Oximeacidim.)..... 25,0 %
Density at 20/4 1,059-1,063

Order code	Package	Units/Box st.
253857.1611	1000 ml	6

Glutaraldehyde solution 50% PS

$OHC(CH_2)_3CHO$

M: 100,12 CAS: 111-30-8 EINECS: 203-856-5 NC: 2912 19 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word:
Signal Word: Danger



H331-H301-H314-H334-H317-H400

1l~1,129kg 1kg~0,886l

SPECIFICATIONS:
Minimum assay (Oximeacidim.)..... 49 %
Density at 20/4 1,127-1,130

Order code	Package	Units/Box st.
15A807.1609	250 ml	6
15A807.1611	1000 ml	6

Glycerol PA-ACS-ISO

$C_3H_8O_3$

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00
1l~1,259kg 1kg~0,794l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity..... IR p/t.
Density at 20/4 1,257-1,261

MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Insoluble matter in H_2O..... p/t.
Residue on ignition (as SO_4)..... 0,005 %
Darkened substances by H_2SO_4..... p/t.
Reducing substances $AgNO_3$..... p/t.
Acidity..... 0,0005 meq/g
Alkalinity ..... 0,0003 meq/g
Acrolein and glucose..... p/t.
Fatty acid esters (as $C_{15}H_{26}O_6$) ..... 0,05 %
Water (H_2O)..... 0,5 %
Chloride (Cl)..... 0,0001 %
Chlorine compounds (as Cl)..... 0,003 %
Sulphate (SO_4) ..... 0,0005 %
Ammonium (NH_4) ..... 0,0005 %
Heavy metals (as Pb)..... 0,0001 %
As ..... 0,00004 %
Cu..... 0,0001 %
Fe..... 0,0001 %
Ni ..... 0,0001 %
Pb ..... 0,0001 %
DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
131339.1211	1000 ml	6
131339.1212	2,5 l	4
131339.1214	5 l	4
131339.0716	25 l	
131339.0718	60 l	

Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_3H_8O_3$

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00
1l~1,259kg 1kg~0,794l

SPECIFICATIONS:
Assay ($C_3H_8O_3$) calc. a.d.s..... 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.
Density at 25/25 ..... ≥1,249
Refractive index n^{20}/D..... 1,470-1,475

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Colour..... p/t.
Residue on ignition (as SO_4) ..... 0,01 %
Residual solvents (Ph.Eur./USP)..... p/t
Diethyleneglycol and related substances (Ph.Eur.) ..... p/t.
Diethyleneglycol (USP) ..... 0,025 %
Ethylene Glycol (USP)..... 0,025 %
Aldehydes (as CH_2O) ..... 0,0010 %
Sugars ..... p/t.
Acidity and alkalinity..... p/t.
Esters ..... p/t.
Water (H_2O)..... 0,5 %
Chloride (Cl)..... 0,001 %
Halogenated compounds (as Cl)..... 0,003 %
Sulphate (SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb)..... 0,0005 %
As ..... 0,00015 %
Cu..... 0,0005 %
Fe..... 0,001 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
141339.1211	1000 ml	6
141339.1212	2,5 l	4
141339.1214	5 l	4
141339.0716	25 l	

Glycerol (E-422, F.C.C.) ADITIO

$C_3H_8O_3$

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00
1l~1,259kg 1kg~0,794l

SPECIFICATIONS:
Assay ($C_3H_8O_3$) calc. a.a.s..... 98-100,5 %
Refractive index n^{20}/D ..... p/t.
Acrolein training by heating..... p/t.
Refractive index n^{20}/D 1,471-1,474
Acrolein, Glucose and Ammonium compounds..... p/t.
Arsenic (as As), not more than ..... 3 ppm
Chlorinated compounds (as Cl), not more than ..... 0,003 %
Colour. ..... p/t.
Fatty Acids and Esters (as butiric acid), not more than..... 0,1 %
Easily carbonizable substances ..... p/t.
Residue on ignition, not more than ..... 0,01 %
Water, not more than ..... 5 %
Specific weight 25/25, not less than 1,257
Butanetriols, not more than..... 0,2 %
Heavy metals (as Pb), not more than ..... 5 ppm
Lead, not more than ..... 1 ppm
Cadmium, not more than ..... 1 ppm
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009
DOES NOT COME FROM ANIMAL ORIGIN.
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201339.1214	5 l	4
201339.0716	25 l	

Glycerol, 99% PS

$C_3H_8O_3$

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00
1l~1,259kg 1kg~0,794l

SPECIFICATIONS:
Assay (G.C.)..... 99 %
Identity..... IR p/t.
DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
151339.1211	1000 ml	6
151339.1212	2,5 l	4

Glycerol QP

$C_3H_8O_3$

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l~1,259kg 1kg~0,794l

SPECIFICATIONS:

Assay (G.C.) ..... 99,0 %
Density at 20/4 1,257-1,261
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
As ..... 0,0003 %
Fe ..... 0,005 %
Pb ..... 0,001 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
211339.1211	1000 ml	6
211339.1214	5 l	4
211339.0716	25 l	
211339.0718	60 l	

Glycerol 87% PA

$C_3H_8O_3$

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l~1,228kg 1kg~0,814l

SPECIFICATIONS:

Assay ($C_3H_8O_3$) ..... 86,0-88,0 %
Density at 20/4 1,224-1,232

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,005 %
Darkened substances by H_2SO_4 ..... p/t.
Reducing substances $AgNO_3$ ..... p/t.
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0003 meq/g
Fatty acid esters (as $C_{15}H_{26}O_6$) ..... 0,05 %
Water(H_2O) ..... 12,0-14,0 %
Chloride (Cl) ..... 0,0001 %
Sulphate (SO_4) ..... 0,0005 %
Ammonium (NH_4) ..... 0,0005 %
As ..... 0,00004 %
Cu ..... 0,0001 %
Fe ..... 0,0001 %
Ni ..... 0,0001 %
Pb ..... 0,0001 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
122329.1211	1000 ml	6
122329.1212	2,5 l	4
122329.1214	5 l	4
122329.0716	25 l	

Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX

$C_3H_8O_3$

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l~1,228kg 1kg~0,814l

SPECIFICATIONS:

Assay ($C_3H_8O_3$) ..... 83,5-88,5 %
Identity according to Pharmacopoeias ..... p/t.
Refractive index n^{20}/D 1,449-1,455

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,01 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Diethylenglycol and related substances ..... p/t.
Aldehydes (as CH_2O) ..... 0,001 %
Sugars ..... p/t.
Acidity or alkalinity ..... p/t.
Esters ..... p/t.
Water (H_2O) ..... 12,0-16,0 %
Halogenated compounds (as Cl) ..... 0,003 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00015 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
142329.1211	1000 ml	6
142329.1212	2,5 l	4
142329.1214	5 l	4
142329.0716	25 l	

Glycerol mono-Acetate PRS

$C_5H_{10}O_4$

M: 134,13 NC: 2905 49 80

1l~1,206kg 1kg~0,829l

SPECIFICATIONS:

Assay (Acidim.) ..... 98 %
Density at 20/4 1,202-1,302
Acidity value 0,8

Order code	Package	Units/Box st.
141913.1611	1000 ml	6

Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX

$C_9H_{14}O_6$

M: 218,21 CAS: 102-76-1 EINECS: 203-051-9 NC: 2915 39 30

1l~1,159kg 1kg~0,863l

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. ..... 97,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 1,159-1,164
Density at 25/25 1,152-1,158
Refractive index n^{25}/D 1,429-1,430

MAXIMUM LIMIT OF IMPURITIES

Appearance ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Glycerol mono-Acetate (G.C.) ..... 0,1 %
Glycerol di-Acetate (G.C.) ..... 0,3 %
Acidity (as CH_3COOH) (USP) ..... 0,005 %
Acidity (Ph. Eur.) ..... p/t.
Water (H_2O) ..... 0,2 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141922.1611	1000 ml	6

Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO

$C_9H_{14}O_6$

M: 218,21 CAS: 102-76-1 EINECS: 203-051-9 NC: 2915 39 30

1l~1,159kg 1kg~0,863l

SPECIFICATIONS:

Assay ($C_9H_{14}O_6$), not less than ..... 98,5 %
Acidity ..... p/t.
Refractive index n^{25}/D 1,429-1,431
Specific gravity 1,154-1,158
Unsaturated compounds ..... p/t.
Water, not more than ..... 0,2 %
Residue on ignition (as Citric Ac.), not more than ..... 0,02 %
Arsenic, not more than ..... 3 ppm
Lead, not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201922.1214	5 l	4

Glycine (Reag. USP) PA-ACS

H_2NCH_2COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 98,5 %
Identity ..... IR p/t.
T.L.C ..... p/t.
pH of 5% solution 5,9-6,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,05 %
Hydrolizable substances ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Ammonium (NH_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
131340.1209	250 g	6
131340.1211	1000 g	6
131340.0914	5 kg	4

Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

H_2NCH_2COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 5,9-6,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t
Ninhydrin-positive substances ..... 0,5 %
Hydrolizable substances ..... p/t.
Chloride (Cl) ..... 0,007 %
Sulphate (SO_4) ..... 0,0065 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141340.1209	250 g	6
141340.1211	1000 g	6
141340.0914	5 kg	

Glycine (E-640, F.C.C.) ADITIO

H_2NCH_2COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Assay (as $C_2H_5NO_2$) calc. on the dried basis 98,5-101,5%
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,2 %
Residue on ignition, not more than ..... 0,1 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Specifications Dir. 2000/63/CE, F.C.C. 6

Order code	Package	Units/Box st.
201340.0914	5 kg	
201340.0416	25 kg	

Glycine, 99% PS

H_2NCH_2COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
151340.1607	50 g	6
151340.1609	250 g	6
151340.1611	1000 g	6

Glycocoll

(see Glycine)

Glycol

(see Ethylene Glycol)

Glycolic Acid ~ 65% PS

$C_2H_4O_3$

M: 76,05 CAS: 79-14-1 EINECS: 201-180-5 NC: 2918 19 85 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H302-H314

1l~1,270kg 1kg~0,787l

SPECIFICATIONS:

Assay (Acidim.) ..... 63-66 %

Order code	Package	Units/Box st.
15A683.1211	1000 ml	6
15A683.1214	5 l	4

Gly-Gly

(see Glycylglycine)

Glyoxal solution 40% PS

$C_2H_2O_2$

M: 58,04 CAS: 107-22-2 EINECS: 203-474-9 NC: 2912 19 90
Signal Word: Warning



H332-H319-H315-H317-H341

1l~1,270kg 1kg~0,787l

SPECIFICATIONS:

Assay (Acidim.) ..... 39-41 %
Density at 20/4 1,268-1,273

Order code	Package	Units/Box st.
15A806.1611	1000 ml	6
15A806.1612	2,5 l	4
15A806.0716	25 l	

Glyoxal-Bis (2-Hydroxyanil) (Reag. Ph. Eur.) PA

$C_{14}H_{12}N_2O_2$

M: 240,26 CAS: 1149-16-2 EINECS: 214-560-0 NC: 2925 19 95

SPECIFICATIONS:

Minimum assay (N deter.) ..... 97,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in $C_4H_8O_2$ ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,5 %
Sensitivity to Ca ..... p/t.
Ca ..... 0,005 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
122847.1605	10 g	6
122847.1606	25 g	6

Glyphosate

(see N-(Phosphonomethyl) Glycine)

GOLD SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Gold(III) Chloride Acid

(see Tetrachloroauric Acid(III) 3-hydrate)

Gold(III) Chloride-Sodium Chloride ~49% Au PRS

NC: 3822 00 00

SPECIFICATIONS:

Approximate assay (as Au) ..... 49 %
Insoluble matter in H_2O ..... p/t.

Order code	Package	Units/Box st.
141448.1503	1 g	6
141448.1504	5 g	6
141448.1505	10 g	6

Graham's Salt

(see Sodium Polyphosphate)

Gram-Hucker, Kit for Staining

(see Kit for Staining Gram-Hucker)

Gram-Nicolle, Kit of Staining

(see: Fuchsin Basic-Carbol solution according to Ziehl. Lugol's Liquor. Gentian Violet Phenique.)

Griess-Ilosvay's A Reagent RE

for detection of nitrites

NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H314

1l~1,045kg 1kg~0,957l

Composition:

Sulphanilic Acid ..... 0,34 g
Acetic Acid glacial ..... 30 ml
Water ..... 64 ml

Order code	Package	Units/Box st.
171569.1608	100 ml	6

Griess-Ilosvay's B Reagent RE

for detection of nitrites

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l~1,042kg 1kg~0,960l

Composition:

1-Naphthylamine ..... 70 mg
Acetic Acid glacial ..... 30 ml
Water ..... 77,5 ml

Order code	Package	Units/Box st.
171570.1608	100 ml	6

Guanine, 99% PS

$C_5H_5N_5O$

M: 151,13 CAS: 73-40-5 EINECS: 200-799-8 NC: 2933 59 95

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B689.1606	25 g	6
15B689.1608	100 g	6

Gum Benzoin tincture solution 1:10 DC

according to Guillain-Laroche

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,825kg 1kg~1,212l

Composition:

Resin Benzoin, tonsiloid of Sumatra (as C_2H_5OH) ..... 100 g/l

Order code	Package	Units/Box st.
251193.1608	100 ml	6

Gypsumetric Liquor VINIKIT

for determination of sulphates in wine and vinegar. 1 ml corresponds to 0,01 g of K_2SO_4

NC: 3822 00 00

Signal Word: Warning



H332-H302

1l~1,018kg 1kg~0,982l

Composition:

Barium Chloride 2-hydrate ..... 1,4 g
Hydrochloric Acid 35% ..... 2,6 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
621387.1610	500 ml	6

HAFNIUM SOLUTIONS

(see Standards for ICP)

Hanus Reagent 0,1 mol/l (0,2N) RV

for determination of iodine index. Keep over 18°C.

NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314-H412

1l~1,069kg 1kg~0,935l

Composition:

Iodine ..... 1,32 g
Bromine ..... 0,812 g
Acetic Acid glacial s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281572.1611	1000 ml	6
281572.1612	2,5 l	4

Harris Hematoxylin solution DC

for cytology

NC: 3203 00 10 UN: 2024

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 612 CAO: 620

Signal Word: Danger



H332-H312-H302-H373

1l~0,994kg 1kg~1,006l

Composition:

Mercury(II) Oxide yellow ..... 250 mg
Hematoxylin ..... 500 mg
Aluminium Potassium Sulphate 12-hydrate. ..... 10 g
Ethanol 96% ..... 16 ml
Water ..... 88 ml

Order code	Package	Units/Box st.
253949.1610	500 ml	6
253949.1611	1000 ml	6
253949.1612	2,5 l	4

Hayem's Liquor DC

for hematology, hematies

NC: 3822 00 00

Signal Word: Warning



H302

1l~1,029kg 1kg~0,972l

Composition:

Sodium Sulphate 10-hydrate ..... 6,07 g
Sodium Chloride ..... 0,74 g
Mercury(II) Chloride ..... 0,15 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251389.1209	250 ml P	6

Helianthin

(see Methyl Orange)

Hematoxylin (C.I. 75290) (Reag. USP) PA

pH indicator and for complexometry 5,0 yellow; 7,2 red violet

$C_{16}H_{14}O_6.xH_2O$

M: 302,29(anh) CAS: 517-28-2 EINECS: 208-237-3 NC: 3203 00 10

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS at pH 11,3 ..... 490-500 nm
A 1%, 1cm, λmax ..... >525
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
yellow 5,0
violet red 7,2
Loss on drying at 135°C ..... 10 %
Residue on ignition (as SO_4) ..... 0,5 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
121344.1604	5 g	6
121344.1606	25 g	6

Hematoxylin (C.I. 75290) DC

for microscopy, vagina smear staining

$C_{16}H_{14}O_6.xH_2O$

M: 302,29(anh) CAS: 517-28-2 EINECS: 208-237-3 NC: 3203 00 10

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS at pH 11,3 ..... 490-500 nm
A 1%, 1cm, λmax ..... >500
Ratio λmax. P±15 nm 0,98-1,04
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
251344.1604	5 g	6
251344.1606	25 g	6

Hematoxylin solution according to Carazzi, Gill, Harris and Mayer

(see Carazzi's, Gill's, Harris and Mayer's Hematoxylin solutions)

Hematoxylin solution A according to Weigert DC

for microscopy
NC: 3203 00 10 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225

1l~0,812kg 1kg~1,232l
Composition:
Hematoxylin.....1 g
Ethanol absolute.....100 ml

Order code	Package	Units/Box st.
253453.1210	500 ml	6
253453.1211	1000 ml	6

Hematoxylin solution B according to Weigert DC

for microscopy
NC: 3203 00 10
1l~1,013kg 1kg~0,987l
Composition:
Iron(III) Chloride 30% aqueous solution. .....4 ml
Hydrochloric Acid 35% .....1 ml
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
253454.1210	500 ml	6
253454.1211	1000 ml	6

Hemoglobine (Additive) CULTIMED

Enrichment additive for the isolation of some fastidious microorganisms.
NC: 3002 10 91
SPECIFICATIONS:
pH of 5% solution 7,5-8,5
Loss on drying at 105°C.....5 %
Insoluble matter in H_2O..... p/t.
Salmonella..... Absence/10 g

Order code	Package	Units/Box st.
402876.1210	500 g	6
402876.0914	5 kg	
402876.0416	25 kg	

HEPES

(see 2-[4(2-Hydroxyethyl)-1-Piperazinyl] Ethanesulfonic Acid)

HEPPS

(see 3-[4(2-Hydroxyethyl)-1-Piperazinyl] Propanesulphonic Acid)

HEPPSO

(see 2-Hydroxy-3-[4(2-Hydroxyethyl)-1-Piperazinyl] Propanesulphonic Acid 1-hydrate)

Heptafluorobutyric Anhydride CG

for derivatization (GC)
$C_8F_{14}O_3$
M: 410,06 CAS: 336-59-4 EINECS: 206-410-8 NC: 2915 90 80 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,653kg 1kg~0,605l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity.....IR p/t.
Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355584.1905	10 ml	6

Heptafluorobutyric Anhydride, 99% PS

$C_8F_{14}O_3$
M: 410,06 CAS: 336-59-4 EINECS: 206-410-8 NC: 2915 90 80 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,653kg 1kg~0,605l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %

Order code	Package	Units/Box st.
155584.1606	25 g	6

n-Heptane (UV-IR-HPLC-HPLC preparative) PAI

C_7H_{16}
M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H304-H336-H410

1l~0,684kg 1kg~1,462l
SPECIFICATIONS:
Minimum assay (G.C.) .....99,0 %
Density at 20/4 0,683-0,685
MAXIMUM LIMIT OF IMPURITIES
APHA colour.....10
Non-volatile matter.....0,0003 %
Acidity..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O).....0,005 %
Suitability for IR spectrometry..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200 (Cut off)	210	220	230	245-400
A (AU)	0,699	0,301	0,097	0,036	0,009
T (%)	20	50	80	92	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 um) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity.....0,2
Eluotropic value E°(Al_2O_3) 0,01
Sol. H_2O in solv. at 20°C.....0,01
P' + 0,25 E.....0,5
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
362062.1611	1000 ml	6
362062.1612	2,5 l	4
362062.0314	5 l	4
362062.0316	25 l	

n-Heptane dry (max. 0,005% water) DS

C_7H_{16}
M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H304-H336-H410

1l~0,684kg 1kg~1,462l
SPECIFICATIONS:
Minimum assay (G.C.) .....99,0 %
Identity.....IR p/t.
Density at 20/4 0,683-0,685
MAXIMUM LIMIT OF IMPURITIES
APHA colour.....10
Non-volatile matter.....0,001 %
Darkened substances by H_2SO_4..... p/t.
Sulphur compounds (as S).....0,005 %
Acidity..... 0,0003 meq/g
Water (H_2O).....0,005 %
Thiophene..... p/t.
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	P	0,2
Al	0,5	Fe	0,1	Pb	0,1
As	0,5	Ge	0,05	Pt	0,1
Au	0,1	Hg	0,05	S	0,2
B	0,02	In	0,05	Sb	0,02
Ba	0,1	K	0,1	Si	0,2
Be	0,02	Li	0,05	Sn	0,1
Bi	0,05	Mg	0,1	Sr	0,2
Ca	0,5	Mn	0,02	Ti	0,02
Cd	0,05	Mo	0,02	Tl	0,02
Co	0,02	Na	0,5	V	0,02
Cr	0,02	Ni	0,02	Zn	0,1
				Zr	0,02

Order code	Package	Units/Box st.
482062.1611	1000 ml	6

n-Heptane PA

C_7H_{16}

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,684kg 1kg~1,462l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,683-0,685

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0003 meq/g
Sulphur compounds (as S)	0,005 %
Water (H_2O)	0,01 %
Thiophene	p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	P	0,2
Al	0,5	Fe	0,1	Pb	0,1
As	0,5	Ge	0,05	Pt	0,1
Au	0,1	Hg	0,05	S	0,2
B	0,02	In	0,05	Sb	0,02
Ba	0,1	K	0,1	Si	0,2
Be	0,02	Li	0,05	Sn	0,1
Bi	0,05	Mg	0,1	Sr	0,2
Ca	0,5	Mn	0,02	Ti	0,02
Cd	0,05	Mo	0,02	Tl	0,02
Co	0,02	Na	0,5	V	0,02
Cr	0,02	Ni	0,02	Zn	0,1
				Zr	0,02

Order code	Package	Units/Box st.
122062.1611	1000 ml	6
122062.1612	2,5 l	4
122062.0314	5 l	4

n-Heptane PRS

C_7H_{16}

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,684kg 1kg~1,462l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,683-0,685
Non-volatile matter	0,005 %
Acidity	0,001 meq/g
Sulphur compounds (as S)	0,01 %
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142062.1611	1000 ml	6
142062.1612	2,5 l	4
142062.0314	5 l	4
142062.0616	25 l	

n-Heptane, 99% PS

C_7H_{16}

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,684kg 1kg~1,462l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,683-0,685
Non-volatile matter	0,001 %
Water (H_2O)	0,01 %

Order code	Package	Units/Box st.
162062.1611	1000 ml	6
162062.1714	5 l	4
162062.0616	25 l	

n-Heptane (ASTM) RE

C_7H_{16}

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,684kg 1kg~1,462l

SPECIFICATIONS:

Minimum assay	99,75 %
Isooctane	0,1 %
Lead	0,002 %

Order code	Package	Units/Box st.
172062.0616	25 l	

Heptane, alkanes mixture PA

C_7H_{16}

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,710kg 1kg~1,408l

SPECIFICATIONS:

Density at 20/4	0,700-0,720

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,001 %
Darkened substances by H_2SO_4	p/t.
Sulphur compounds (as S)	0,005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,01 %
Thiophene	p/t.
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121345.1611	1000 ml	6
121345.1612	2,5 l	4
121345.0314	5 l	4
121345.0316	25 l	

Heptane, alkanes mixture PRS

C_7H_{16}

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,710kg 1kg~1,408l

SPECIFICATIONS:

Density at 20/4	0,700-0,720
Non-volatile matter	0,005 %
Sulphur compounds (as S)	0,01 %
Acidity	0,001 meq/g
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141345.1611	1000 ml	6
141345.1612	2,5 l	4
141345.0314	5 l	4
141345.0616	25 l	

Heptane, alkanes mixture PS

C_7H_{16}

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,710kg 1kg~1,408l

SPECIFICATIONS:

Density at 20/4	0,700-0,720
Non-volatile matter	0,001 %
Water (H_2O)	0,01 %

Order code	Package	Units/Box st.
161345.1611	1000 ml	6
161345.1612	2,5 l	4
161345.1714	5 l	4
161345.0616	25 l	1

1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography
$C_7H_{15}NaO_3S$
M: 202,25 CAS: 22767-50-6 EINECS: 245-210-5 NC: 2904 10 00
SPECIFICATIONS:
Minimum assay (Acidim.) calc. a.d.s ..... 99,0 %
Identity ..... IR p/t.
UV Spectrum 0,005 mol/l solution
UV Spectrum (1 cm cell. Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
364897.1606	25 g	6

Heptanoic Acid, 98,5% PS

$C_7H_{14}O_2$
M: 130,19 CAS: 111-14-8 EINECS: 203-838-7 NC: 2915 90 80 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~0,918kg 1kg~1,089l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 0,917-0,919
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15C506.1608	100 ml	6
15C506.1612	2,5 l	4

Heptanoic Acid Chloride

(see Heptanoyl Chloride)

Heptanoyl Chloride, 98,5% PS

$C_7H_{13}ClO$
M: 148,63 CAS: 2528-61-2 EINECS: 219-775-3 NC: 2915 90 80 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~0,960kg 1kg~1,042l
SPECIFICATIONS:
Assay ..... 98,5 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C319.1608	100 ml	6

n-Heptyl Bromide

(see 1-Bromoheptane)

Heteroauxin

(see 1H-Indole-3-Acetic Acid)

Hexachloroplatinic(IV) Acid 6-hydrate (Reag. Ph. Eur.) PA-ACS

$H_2Cl_6Pt.6H_2O$
M: 517,92 CAS: 18497-13-7 EINECS: 241-010-7 NC: 2843 90 90 UN: 2507
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger


H301-H314-H334-H317

SPECIFICATIONS:
Minimum assay (Pt) ..... 37,50 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Insoluble matter in C_2H_5OH ..... p/t.
Alkalis and other salts (as SO_4) ..... 0,05 %
Sensitivity to K ..... p/t.
Ag ..... 0,01 %
Al ..... 0,02 %
Au ..... 0,01 %
Ba ..... 0,02 %
Ca ..... 0,02 %
Cu ..... 0,02 %
Fe ..... 0,02 %
K ..... 0,02 %
Mg ..... 0,02 %
Na ..... 0,02 %
Ni ..... 0,02 %

Order code	Package	Units/Box st.
134433.1603	1 g	6

Hexachloroplatinic(IV) Acid 6-hydrate solution 10% (3,8% Pt) PA

$H_2(PtCl_6).6H_2O$
M: 517,90 CAS: 18497-13-7 EINECS: 241-010-7 NC: 2843 90 90 UN: 3264
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314-H334-H317

1l~1,060kg 1kg~0,943l
SPECIFICATIONS:
Assay (as Pt) ..... 3,8 %

Order code	Package	Units/Box st.
125491.1604	5 ml	6
125491.1606	25 ml	6

Hexadecanoic Acid

(see Palmitic Acid)

Hexadecanoic Acid Methyl Ester

(see Methyl Palmitate)

1-Hexadecanol

(see Cetyl Alcohol)

Hexadecyl Alcohol

(see Cetyl Alcohol)

Hexadecyltrimethylammonium Bromide

(see N-Cetyl-N,N,N-Trimethylammonium Bromide)

Hexahydropyrazine

(see Piperazine)

Hexahydropyridine

(see Piperidine)

Hexahydrothymol

(see L(-)-Menthol)

Hexamethyldisilazane (VLSI) EG

$(CH_3)_3SiNHSi(CH_3)_3$
M: 161,41 CAS: 999-97-3 EINECS: 213-668-5 NC: 2931 00 95 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H302-H319-H335-H315

1l~0,774kg 1kg~1,292l
SPECIFICATIONS:
Assay (HMDS+HMDO) ..... 99,5 %
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0005 %
Chloride (Cl) ..... 0,0001 %
0,5 µm particles ..... 250 /ml
Metals by ICP [µg/Kg (ppb)]

Ag	10	Cr	10	Pb	10
Al	50	Cu	10	Sb	10
As	10	Fe	50	Sn	10
Au	10	Ga	10	Sr	10
B	20	K	20	Ti	10
Ba	20	Li	10	V	10
Be	10	Mg	20	Zn	20
Bi	10	Mn	10	Zr	10
Ca	50	Mo	10		
Cd	10	Na	50		
Co	10	Ni	10		

Order code	Package	Units/Box st.
875599.1611	1000 ml	6

Hexamethyldisilazane CG

for derivatization (GC)
$(CH_3)_3SiNHSi(CH_3)_3$
M: 161,41 CAS: 999-97-3 EINECS: 213-668-5 NC: 2931 00 95 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H302-H319-H335-H315

1l~0,774kg 1kg~1,292l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98,5 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
355599.1606	25 ml	6

Hexamethyldisilazane, 98% PS

$(CH_3)_3SiNHSi(CH_3)_3$

M: 161,41 CAS: 999-97-3 EINECS: 213-668-5 NC: 2931 00 95 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302-H319-H335-H315

1l~0,774kg 1kg~1,292l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,768-0,772

Order code	Package	Units/Box st.
165599.1609	250 ml	6

Hexamethylenediamine, 99% PS

$NH_2(CH_2)_6NH_2$

M: 116,21 CAS: 124-09-4 EINECS: 204-679-6 NC: 2921 22 00 UN: 2280
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H312-H302-H314-H335

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 38-42°C

Order code	Package	Units/Box st.
161277.1609	250 g	6
161277.1611	1000 g	6

Hexamethylenetetramine (Reag. Ph. Eur.) PA-ACS

$(CH_2)_6N_4$

M: 140,19 CAS: 100-97-0 EINECS: 202-905-8 NC: 2933 69 20 UN: 1328
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



H228-H317

SPECIFICATIONS:

Minimum assay (Acidim.) a.d.s ..... 99,0 %
Identity ..... IR p/t.
pH of 10% solution 8,0-9,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Loss on drying ..... 2,0 %
Residue on ignition (as SO_4) ..... 0,05 %
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Ge 5	Se 5
B 5	In 5	Si 5
Ba 5	K 5	Sn 5
Be 5	Mg 5	Sr 5
Ca 5	Mn 5	Ti 5
Cd 5	Mo 5	Tl 5
Co 5	Ni 10	V 5
Cr 5	Pb 10	Zn 5
Cu 10	Pt 5	Zr 5
Fe 10	Sb 5	

Order code	Package	Units/Box st.
131346.1210	500 g	6
131346.1211	1000 g	6

Hexamethylenetetramine PRS

$(CH_2)_6N_4$

M: 140,19 CAS: 100-97-0 EINECS: 202-905-8 NC: 2933 69 20 UN: 1328
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



H228-H317

SPECIFICATIONS:

Assay (Acidim.) a.d.s 99,0-100,5%
Identity ..... IR p/t.
Insoluble matter in H_2O ..... 0,01 %
Loss on drying ..... 2,0 %
Residue on ignition (as SO_4) ..... 0,05 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Heavy metals (as Pb) ..... 0,001 %

Order code	Package	Units/Box st.
141346.1210	500 g	6
141346.1211	1000 g	6

Hexamethylenetetramine, 99% PS

$(CH_2)_6N_4$

M: 140,19 CAS: 100-97-0 EINECS: 202-905-8 NC: 2933 69 20 UN: 1328
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



H228-H317

SPECIFICATIONS:

Assay (Acidim.) a.d.s ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151346.1206	25 g	6
151346.1211	1000 g	6

Hexamethylpararosaniline Chloride

(see Crystal Violet)

Hexamine

(see Hexamethylenetetramine)

n-Hexane (UV-IR-HPLC) PAI

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,661kg 1kg~1,513l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Density at 20/4 0,660-0,662

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	220	225	230	245-400
A (AU)	1,000	0,699	0,222	0,071	0,046	0,027	0,009
T (%)	10	20	60	85	90	94	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	2

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 0,1
Eluotropic value E°(Al_2O_3) 0,01
Sol. H_2O in solv. at 20°C 0,01
P' + 0,25 E 0,5
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
362063.1611	1000 ml	6
362063.1612	2,5 l	4
362063.1646	4 l	4

n-Hexane (Reag. USP, Ph. Eur.) PA-ACS

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,661kg 1kg~1,513l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/20	0,659-0,663
Refractive index n ^{20}/D	1,375-1,376
Distillation range (>95% dist.)	67-69°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Darkened substances by H_2SO_4	p/t.
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,01 %
Sulphur compounds (as S)	0,005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,01 %
Thiophene	p/t.

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe....0,1	Pb 0,1
Al 0,5	Ga....0,02	Pt 0,02
As 0,05	Ge....0,05	Sb 0,02
Au 0,05	Hg....0,05	Si 0,2
B 0,2	In....0,05	Sn 0,1
Ba 0,1	K 0,1	Sr 0,2
Be 0,02	Li....0,05	Ti....0,02
Bi 0,05	Mg 0,1	Tl....0,02
Ca 0,5	Mn 0,02	V 0,02
Cd....0,05	Mo 0,02	Zn 0,1
Co....0,02	Na....0,5	Zr 0,02
Cr....0,02	Ni 0,02	
Cu....0,02	P 0,2	

Order code	Package	Units/Box st.
132063.1611	1000 ml	6
132063.1612	2,5 l	4
132063.0314	5 l	4
132063.0316	25 l	

n-Hexane PRS

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word:

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,661kg 1kg~1,513l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,660-0,662
Non-volatile matter	0,005 %
Acidity	0,001 meq/g
Sulphur compounds (as S)	0,01 %
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142063.1611	1000 ml	6
142063.1612	2,5 l	4
142063.0314	5 l	4
142063.0616	25 l	

n-Hexane 95% (UV-IR-HPLC) PAI-ACS

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,663kg 1kg~1,508l

SPECIFICATIONS:

Minimum assay (G.C.) (as n-Hexane)	95,0 %
Minimum assay (G.C.) (as isomers)	98,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Acidity	0,0003 meq/g
Sulphur compounds (as S)	0,005 %
Tiophene (C_4H_4S)	p/t.
Water (H_2O)	0,01 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	220	230	245-400
A (AU)	1,000	0,699	0,222	0,097	0,027	0,009
T (%)	10	20	60	80	94	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	0,1
Eluotropic value E°(Al_2O_3)	0,01
Sol. H_2O in solv. at 20°C	0,01
P' + 0,25 E	0,5

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363242.1611	1000 ml	6
363242.1612	2,5 l	4

n-Hexane 95% (PAR) PAI

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,663kg 1kg~1,508l

SPECIFICATIONS:

Minimum assay (G.C.)(as n-Hexane)	95,0 %
Minimum assay (G.C.)(as isomers)	98,5 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pestidice (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol)	p/t.

Order code	Package	Units/Box st.
323242.1611	1000 ml	6
323242.1612	2,5 l	4

n-Hexane 95% dry (max. 0,005% water) DS-ACS

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,663kg 1kg~1,508l

SPECIFICATIONS:

Minimum assay (G.C.)(as n-Hexane)	95,0 %
Minimum assay (G.C.)(as isomers)	98,5 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Darkened substances by H_2SO_4	p/t.
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,01 %
Sulphur compounds (as S)	0,005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,005 %
Thiophene (C_4H_4S)	p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,1
As	0,5	Ge	0,05	S	0,2
Au	0,1	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
483242.1611	1000 ml	6

n-Hexane 95% PA-ACS

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,663kg 1kg~1,508l

SPECIFICATIONS:

Minimum assay (G.C.) (as n-Hexane)	95,0 %
Minimum assay (G.C.) (as isomers)	98,5 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Darkened substances by H_2SO_4	p/t.
Aromatic hydrocarbons (UV) (as C_6H_6)	0,01 %
Sulphur compounds (as S)	0,005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,01 %
Thiophene (C_4H_4S)	p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,1
As	0,5	Ge	0,05	S	0,2
Au	0,1	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
133242.1611	1000 ml	6
133242.1612	2,5 l	4
133242.0314	5 l	4
133242.0316	25 l	

n-Hexane 95% PRS

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,663kg 1kg~1,508l

SPECIFICATIONS:

Assay (G.C.) (as n-Hexane)	95 %
Identity	IR p/t.
Non-volatile matter	0,005 %
Sulphur compounds (as S)	0,01 %
Acidity	0,001 meq/g
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
143242.1611	1000 ml	6
143242.1612	2,5 l	4
143242.0314	5 l	4
143242.0616	25 l	

n-Hexane 95% PS

C_6H_{14}

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l~0,663kg 1kg~1,508l

SPECIFICATIONS:

Minimum assay (G.C.)(as n-Hexane)	95 %
Minimum assay (G.C.)(as isomers)	98,5 %
Identity	IR p/t.
Non-volatile matter	0,002 %
Water (H_2O)	0,01 %

Order code	Package	Units/Box st.
163242.1611	1000 ml	6
163242.1612	2,5 l	4
163242.1714	5 l	4
163242.0616	25 l	

iso-Hexane

(see Isohexane)

Hexane, alkanes mixture (HPLC) PAI

C_6H_{14}

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H411-H304-H336

1l~0,67kg 1kg~1,49l

SPECIFICATIONS:

Minimum assay (G.C.) (as C_6H_{14} isomers)	95,0 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,0005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,01 %

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200 (Cut off)	210	220	254-400
A (AU)	1,000	0,398	0,071	0,004
T (%)	10	40	85	99

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361347.1611	1000 ml	6
361347.1612	2,5 l	4
361347.0316	25 l	

Hexane, alkanes mixture (PAR) PAI

C_6H_{14}

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H411-H304-H336

1l~0,67kg 1kg~1,49l

SPECIFICATIONS:
Minimum assay (G.C.) (as isomers C_6H_{14})..... 95,0 %
MAXIMUM LIMIT OF IMPURITIES
Non-volatile matter..... 0,0005 %
Acidity..... 0,0003 meq/g
Water (H_2O)..... 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)..... 5 ng/l

Order code	Package	Units/Box st.
321347.1611	1000 ml	6
321347.1612	2,5 l	4

Hexane, alkanes mixture PA

C_6H_{14}

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H411-H304-H336

1l~0,67kg 1kg~1,49l

SPECIFICATIONS:
Minimum assay (G.C.) (as isomers C_6H_{14})..... 95,0 %
MAXIMUM LIMIT OF IMPURITIES
Non-volatile matter..... 0,001 %
Darkened substances by H_2SO_4..... p/t.
Sulphur compounds (as S)..... 0,005 %
Acidity..... 0,0003 meq/g
Water (H_2O)..... 0,01 %
Thiophene..... p/t.
Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe.....0,1	Pb 0,1
Al 0,5	Ga.....0,02	Pt 0,02
As 0,05	Ge.....0,05	S 0,2
Au 0,05	Hg.....0,05	Sb 0,02
B 0,02	In.....0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li.....0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti.....0,02
Ca 0,5	Mn 0,02	Tl.....0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr.....0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 5,0	

Order code	Package	Units/Box st.
121347.1611	1000 ml	6
121347.1612	2,5 l	4
121347.0314	5 l	4
121347.0316	25 l	

Hexane, alkanes mixture PRS

C_6H_{14}

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H411-H304-H336

1l~0,67kg 1kg~1,49l

SPECIFICATIONS:
Assay (G.C.) (as isomers C_6H_{14})..... 95 %
Non-volatile matter..... 0,005 %
Sulphur compounds (as S)..... 0,01 %
Acidity..... 0,001 meq/g
Water (H_2O)..... 0,02 %
Cu..... 0,00002 %
Fe..... 0,00005 %
Ni..... 0,00002 %
Pb..... 0,00002 %

Order code	Package	Units/Box st.
141347.1611	1000 ml	6
141347.1612	2,5 l	4
141347.0314	5 l	4
141347.0616	25 l	

Hexane, 95% alkanes mixture PS

C_6H_{14}

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H411-H304-H336

1l~0,67kg 1kg~1,49l

SPECIFICATIONS:
Minimum assay (G.C.)(as isomers C_6H_{14})..... 95 %
Non-volatile matter..... 0,001 %
Water (H_2O)..... 0,01 %

Order code	Package	Units/Box st.
161347.1611	1000 ml	6
161347.1612	2,5 l	4
161347.1714	5 l	4
161347.0616	25 l	

1,6-Hexanediamine

(see Hexamethylenediamine)

1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography
$C_6H_{13}NaO_3S$

M: 188,22 CAS: 2832-45-3 EINECS: 220-601-3 NC: 2904 10 00
Minimum assay (Acidim.) (a.d.s.)..... 99,0 %
Identity..... IR p/t.
UV Spectrum 0,005 mol/l solution
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
363428.1606	25 g	6

Hexanoic Acid, 98% PS

$CH_3(CH_2)_4COOH$

M: 116,16 CAS: 142-62-1 EINECS: 205-550-7 NC: 2915 90 80 UN: 2829
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319

1l~0,927kg 1kg~1,079l

SPECIFICATIONS:
Minimum assay (G.C.)..... 98 %
Identity..... IR p/t.
Density at 20/4 0,925-0,928

Order code	Package	Units/Box st.
162589.1610	500 ml	6
162589.1611	1000 ml	6
162589.1214	5 l	4

Hexanoic Acid Chloride

(see Hexanoyl Chloride)

Hexanoic Acid Methyl Ester

(see Methyl Hexanoate)

1-Hexanol, 98% PS

$C_6H_{14}O$

M: 102,18 CAS: 111-27-3 EINECS: 203-852-3 NC: 2905 19 00 UN: 2282
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H302

1l~0,821kg 1kg~1,218l

SPECIFICATIONS:
Minimum assay (G.C.)..... 98 %
Identity..... IR p/t.
Density at 20/4 0,816-0,826

Order code	Package	Units/Box st.
165794.1210	500 ml	6
165794.1211	1000 ml	6

3-Hexanol, 98% PS

$C_6H_{14}O$

M: 102,17 CAS: 623-37-0 EINECS: 210-790-0 NC: 2905 19 00 UN: 2282
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H302
1l~0,819kg 1kg~1,221l
SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A165.1606	25 ml	6

Hexanoyl Chloride, 98% PS

$C_6H_{11}ClO$

M: 134,61 CAS: 142-61-0 EINECS: 205-549-1 NC: 2915 90 80 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



EUH014-H314-H335
1l~0,975kg 1kg~1,026l
SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,975-0,978

Order code	Package	Units/Box st.
15A810.1608	100 ml	6

1,4,7,10,13,16-Hexaoxacyclooctadecane

(see Crown Ether/18-Crown-6)

n-Hexyl Alcohol

(see 1-Hexanol)

n-Hexyl Bromide

(see 1-Bromohexane)

Hexylene Glycol

(see 2-Methyl-2,4-Pentanediol)

HFBA

(see Heptafluorobutyric Anhydride)

L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_9N_3O_2$

M: 155,16 CAS: 71-00-1 EINECS: 200-745-3 NC: 2933 29 90
SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=11 (in HCl 3,3 mol/l)
(calc. a.d.s.) ..... +11,8 to +12,4°
Specific rotation $[\alpha]^{25}$/D c=11 (in HCl 6 mol/l) ..... +12,6 to +14,0°
pH of 2% solution 7,0-8,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142045.1208	100 g	6

L-Histidine, 99% PS

$C_6H_9N_3O_2$

M: 155,16 CAS: 71-00-1 EINECS: 200-745-3 NC: 2933 29 90
SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152045.1606	25 g	6
152045.1608	100 g	6
152045.1610	500 g	6

L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

$C_6H_9N_3O_2HCl.H_2O$

M: 209,63 CAS: 5934-29-2 EINECS: 211-438-9 NC: 2933 29 90
SPECIFICATIONS:

Assay (Arg.) (calc. a.a.s.) 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=11, (in HCl 6 mol/l)
(calc. a.a.s.) ..... +9,2 to +10,6°
pH of 5% solution 3,0-5,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 150°C ..... 7,0-10,0 %
Residue on ignition (as SO_4) ..... 0,1 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142198.1208	100 g	6

L-Histidine mono-Hydrochloride 1-hydrate, 99% PS

$C_6H_9N_3O_2HCl.H_2O$

M: 209,63 CAS: 5934-29-2 EINECS: 211-438-9 NC: 2933 29 90
SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152198.1606	25 g	6
152198.1608	100 g	6

HISTOFIX

Histofix® Preservative ready to use DC

(® Registered trade-mark of Panreac Química S.A.U.) for histology
NC: 3822 00 00
OBSERVATIONS: This product is Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol (1% w/v)
Signal Word: Warning



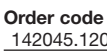
H351-H317
1l~1,019kg 1kg~0,981l
SPECIFICATIONS:

Assay (Yodom.) ..... 3,7-4,0 %
pH 6,8-7,2
Methanol (w/v) ..... 1 - 1,5 %

Order code	Package	Units/Box st.	
256462.0905	45x10 ml		(*)
256462.0955	44x20 ml		(**)
256462.0962	45x30 ml		(***)
256462.0961	45x40 ml		(****)
256462.0967	24x75 ml		(*****)
256462.0943	16 x125 ml		(******)
256462.094	12 x 200 ml		(*******)
256462.09149	10 x 600 ml		(********)
256462.09118	1,5 l	4	(*********)
256462.0931	3 l		(*********)
256462.0914	5 l		(**********)

Histofix® decalcifier 1 DC

(® Registered trade-mark of Panreac Química S.A.U.)
slow decalcifier and fixing agent
NC: 3822 00 00 UN: 3264
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315-H351-H361f
1l~1,038kg 1kg~0,963l
SPECIFICATIONS:

Suitability as decalcifier ..... p/t.

Order code	Package	Units/Box st.
256239.1211	1000 ml	6
256239.1214	5 l	4

(*) Package capacity: 20 ml
(**) Package capacity: 40 ml
(***) Package capacity: 60 ml
(****) Package capacity: 60 ml
(*****) Package capacity: 120 ml
(******) Package capacity: 250 ml
(*******) Package capacity: 500 ml
(********) Package capacity: 1000 ml
(*********) Package capacity: 3 l
(**********) Package capacity: 6 l
(***********) Package capacity: 10 l

Histofix® decalcifier 2 DC

(® Registered trade-mark of Panreac Química S.A.U.)medium decalcifier for fixed tissues

NC: 3822 00 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,048kg 1kg~0,954l

SPECIFICATIONS:

Suitability as decalcifier..... p/t.

Order code	Package	Units/Box st.
256238.1211	1000 ml	6
256238.1214	5 l	4

Histofix® decalcifier 3 DC

(® Registered trade-mark of Panreac Química S.A.U.)fast decalcifier for fixed tissues

NC: 3822 00 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Suitability as decalcifier..... p/t.

Order code	Package	Units/Box st.
256237.1211	1000 ml	6
256237.1212	2,5 l	4

Histofix® marrow decalcifier DC

(® Registered trade-mark of Panreac Química S.A.U.)

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H331-H311-H301-H373-H412

Comprised of:
3x100 ml Solution A fixative
3x100 ml Solution B decalcifier

Order code	Package	Units/Box st.
256284.0922	pack	6

Histofix® Spray fixative DC

(® Registered trade-mark of Panreac Química S.A.U.)

NC: 3822 00 00 FEMA F-E, S-D

UN: 1170 ADR: 3/II IMDG: 3/II IATA: 3/II PAX: 305 CAO: 307 (D/E)

1l~0,825kg 1kg~1,212l

SPECIFICATIONS:

Composition:
Polyethylene glycol 6000.....50 gr.
Water .....75 ml
Ethanol s.q.f. .....925 ml

Order code	Package	Units/Box st.
256700.3408	6x100 ml	

Histofix® Substitute of Formaldehyde DC

(® Registered trade-mark of Panreac Química S.A.U.) for histology, fixing

NC: 3822 00 00

Signal Word: Warning



H332-H319-H315-H317-H341

1l~1,111kg 1kg~0,900l

Composition:
Glyoxal.....15-25 %
Ethanol absolute.....5-8 %
Acetic Acid glacial .....<5 %
Methanol.....<0,5 %

Order code	Package	Units/Box st.
255805.2711	1000 ml	6
255805.2714	5 l	4

Histofluid ®, mounting medium DC

for microscopy, mounting medium (® Registered trade-mark of Paul Marienfeld GmbH&Co.KG)

NC: 3822 00 00 UN: 1866

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H332-H312-H315

1l~0,950kg 1kg~1,052l

SPECIFICATIONS:

Refractive index n ^{20}/D..... 1,493-1,496

Order code	Package	Units/Box st.
255598.0010	500 ml	6

HMDS

(see Hexamethyldisilazane)

HOBT

(see 1-Hydroxybenzotriazole)

HOLMIUM SOLUTIONS

(see Standards for ICP)

Holmium(III) Oxide (Reag. Ph. Eur.) PA

Ho_2O_3

M: 377,88 CAS: 12055-62-8 EINECS: 235-015-3 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay .....99,9 %

Order code	Package	Units/Box st.
126069.1604	5 g	6

HPLC Linearity, Verification Kit

(see Kit for HPLC Linearity Verification)

Huenig's Base

(see N-Ethyl Di-Isopropylamine)

Hyamine 1622

(see Benzethonium Chloride)

Hydantoin, 99% PS

$C_3H_4N_2O_2$

M: 100,08 CAS: 461-72-3 EINECS: 207-313-3 NC: 2933 21 00

SPECIFICATIONS:

Assay.....99 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15B690.1208	100 g	6
15B690.1210	500 g	6

Hydrazine

(see Hydrazinium compounds)

Hydrazine Hydrate

(see Hydrazinium Hydroxide)

Hydrazine di-Hydrochloride

(see Hydrazinium di-Chloride)

Hydrazinium mono-Bromide, 99% PS

$H_2N\text{-}NH_2HBr$

M: 112,96 CAS: 13775-80-9 EINECS: 237-412-7 NC: 2825 10 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Assay (Iodom.).....99 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
153241.1207	50 g	6
153241.1209	250 g	6

Hydrazinium mono-Chloride PRS

$H_2N\text{-}NH_2.HCl$

M: 68,50 CAS: 2644-70-4 EINECS: 220-154-4 NC: 2825 10 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Assay (Iodom.).....99 %
Identity.....IR p/t.
Insoluble matter in H_2O.....0,01 %
Residue on ignition (as SO_4) .....0,05 %
Sulphate (SO_4) .....0,005 %
Cu.....0,0005 %
Fe.....0,0005 %
Ni .....0,0005 %
Pb .....0,0005 %
Zn .....0,0005 %

Order code	Package	Units/Box st.
142594.1210	500 g	6
142594.1211	1000 g	6
142594.0914	5 kg	

Hydrazinium mono-Chloride, 99% PS

$H_2N\text{-}NH_2.HCl$

M: 68,50 CAS: 2644-70-4 EINECS: 220-154-4 NC: 2825 10 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:
Assay (Iodom.)..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
152594.1209	250 g (P)	6
152594.1211	1000 g (P)	6

Hydrazinium di-Chloride (Reag. USP) PA

$H_2N\text{-}NH_2.2HCl$

M: 104,97 CAS: 5341-61-7 EINECS: 226-283-2 NC: 2825 10 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:
Minimum assay (Iodom.) ..... 99,0 %
Identity..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,01 %
Residue on ignition (as SO_4) ..... 0,05 %
Sulphate (SO_4) ..... 0,002 %
Ca..... 0,001 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cr..... 0,0005 %
Cu..... 0,0005 %
Fe..... 0,0005 %
K..... 0,005 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
122595.1210	500 g (P)	6
122595.1211	1000 g (P)	6
122595.0914	5 kg (PP)	

Hydrazinium di-Chloride, 99% PS

$H_2N\text{-}NH_2.2HCl$

M: 104,97 CAS: 5341-61-7 EINECS: 226-283-2 NC: 2825 10 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:
Assay (Iodom.)..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
152595.1208	100 g (P)	6
152595.1210	500 g (P)	6

Hydrazinium Hydroxide 100% PS

$H_2N\text{-}NH_3^+OH^-$

M: 50,06 CAS: 7803-57-8 EINECS: 206-114-9 NC: 2825 10 00 UN: 2030
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 812
Signal Word: Danger



H350-H331-H311-H301-H314-H317-H410

SPECIFICATIONS:
1l~1,030kg 1kg~0,970l
Minimum assay (Iodom.) ..... 99 %
Density at 20/4 1,030-1,032

Order code	Package	Units/Box st.
15A811.1211	1000 ml (P)	6

Hydrazinium Hydroxide 80% PA

$H_2N\text{-}NH_3^+OH^-$

M: 50,06 CAS: 10217-52-4 EINECS: 206-114-9 NC: 2825 10 00 UN: 2030
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 812
Signal Word: Danger



H350-H331-H311-H301-H314-H317-H410

1l~1,030kg 1kg~0,971l
SPECIFICATIONS:
Minimum assay (Iodom.) ..... 80,0 %
MAXIMUM LIMIT OF IMPURITIES
Chloride (Cl)..... 0,003 %
Sulphate (SO_4) ..... 0,005 %
Cu..... 0,0005 %
K..... 0,005 %
Na..... 0,015 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
121349.1211	1000 ml (P)	6
121349.1214	5 l (P)	4

Hydrazinium Hydroxide 80% PS

$H_2N\text{-}NH_3^+OH^-$

M: 50,06 CAS: 10217-52-4 EINECS: 206-114-9 NC: 2825 10 00 UN: 2030
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 812
Signal Word: Danger



H350-H331-H311-H301-H314-H317-H410

1l~1,030kg 1kg~0,971l
SPECIFICATIONS:
Assay (Iodom.)..... 80 %

Order code	Package	Units/Box st.
151349.1211	1000 ml (P)	6

Hydrazinium Sulphate PA-ACS

$H_2N\text{-}NH_2.H_2SO_4$

M: 130,12 CAS: 10034-93-2 EINECS: 233-110-4 NC: 2825 10 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:
Minimum assay (Iodom.) ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,005 %
Residue on ignition (as SO_4) ..... 0,02 %
Chloride (Cl)..... 0,001 %
Heavy metals (as Pb)..... 0,001 %
Metals by ICP [mg/Kg (ppm)]

Ba	5	Cu	10	Ni	10
Be	5	Fe	10	Pb	10
Cd	5	In	5	Si	5
Co	5	Mn	5	Sr	5

Order code	Package	Units/Box st.
131350.1210	500 g (P)	6
131350.1211	1000 g (P)	6
131350.0914	5 kg (PP)	

Hydrindantine 2-hydrate PA

for determination of aminoacids
$C_{18}H_{10}O_6.2H_2O$

M: 358,31 CAS: 5950-69-6 EINECS: 225-823-4 NC: 2914 40 90
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:
Identity..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 150°C..... 9-12 %
Suitability for aminoacids determination ..... p/t.

Order code	Package	Units/Box st.
123226.1605	10 g	6
123226.1608	100 g	6

Hydriodic Acid 57% PA-ACS

HI

M: 127,91 CAS: 10034-85-2 EINECS: 233-109-9 NC: 2811 19 80 UN: 1787
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:

Assay (Acidim.)	55,0-58,0 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,01 %
Chloride and Bromide (as Cl)	0,05 %
Phosphorus compounds (as PO_4)	0,001 %
Sulphate (SO_4)	0,002 %
Free iodine (I_2)	0,75 %
Heavy metals (as Pb)	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	1	Pt	0,1
Al	1	Ga	0,05	Sb	0,05
As	5	Ge	0,05	Si	0,1
Au	0,1	Hg	0,1	Sn	0,05
B	0,05	In	0,05	Sr	0,1
Ba	0,1	K	1	Ti	0,05
Be	0,1	Li	0,1	Tl	0,05
Bi	0,05	Mg	1	V	0,05
Ca	1	Mn	0,1	Zn	0,5
Cd	0,1	Mo	0,1	Zr	0,05
Co	0,1	Na	1		
Cr	0,1	Ni	0,1		
Cu	0,1	Pb	0,1		

Order code	Package	Units/Box st.
132213.1611	1000 ml	6

Hydriodic Acid 57% PRS

HI

M: 127,91 CAS: 10034-85-2 EINECS: 233-109-9 NC: 2811 19 80 UN: 1787
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:

Assay (Acidim.)	55-58 %
Residue on ignition (as SO_4)	0,1 %
Chloride and bromide (as Cl)	0,1 %
Sulphate (SO_4)	0,01 %
As	0,0005 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142213.1611	1000 ml	6

HYDROALCOHOLIC SOLUTIONS

Hydroalcoholic Solution 20% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology

NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225

1l~0,974kg 1kg~1,026l

Order code	Package	Units/Box st.
625435.1609	250 ml	6

Hydroalcoholic Solution 16% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology

NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225

1l~0,979kg 1kg~1,021l

Order code	Package	Units/Box st.
625434.1609	250 ml	6

Hydroalcoholic Solution 13,5% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology

NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225

Order code	Package	Units/Box st.
625339.1609	250 ml	6

Hydroalcoholic Solution 11% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology

NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225

Order code	Package	Units/Box st.
625338.1609	250 ml	6

Hydroalcoholic Solution 8,5% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology

NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225

Order code	Package	Units/Box st.
625337.1609	250 ml	6

Hydrobromic Acid 48% PA-ACS-ISO

HBr

M: 80,92 CAS: 10035-10-6 EINECS: 233-113-0 NC: 2811 19 10 UN: 1788
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335

1l~1,49kg 1kg~0,67l

SPECIFICATIONS:

Assay (Acidim.)	47,0-49,0 %
Density at 20/4	≥1,49

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,002 %
Chloride (Cl)	0,03 %
Phosphate (PO_4)	0,0005 %
Sulphate and Sulphite (as SO_4)	0,003 %
Iodide (I)	0,002 %
Heavy metals (as Pb)	0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,01	Fe	0,1	Pt	0,1
Al	0,1	Ga	0,05	Sb	0,02
As	0,5	Ge	0,02	Se	0,01
Au	0,1	Hg	0,1	Si	0,1
B	0,1	In	0,05	Sn	0,05
Ba	0,1	K	0,5	Sr	0,02
Be	0,02	Li	0,02	Ti	0,05
Bi	0,05	Mg	0,1	Tl	0,02
Ca	0,5	Mn	0,05	V	0,02
Cd	0,05	Mo	0,02	Zn	0,1
Co	0,02	Na	0,5	Zr	0,05
Cr	0,1	Ni	0,02		
Cu	0,02	Pb	0,02		

Order code	Package	Units/Box st.
131017.1611	1000 ml	6

Hydrobromic Acid 48% PRS

HBr

M: 80,92 CAS: 10035-10-6 EINECS: 233-113-0 NC: 2811 19 10 UN: 1788
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335

1l~1,49kg 1kg~0,67l

SPECIFICATIONS:

Assay (Acidim.)	48 %
Density at 20/4	≥ 1,49
Residue on ignition (as SO_4)	0,01 %
Chloride (Cl)	0,05 %
Phosphate (PO_4)	0,001 %
Sulphate and Sulphite (as SO_4)	0,01 %
As	0,00005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141017.1611	1000 ml	6
141017.1214	5 l	

Hydrochloric Acid 37% (TMA) ANALPUR

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Assay (Acidim.)	36,5-38,0 %

MAXIMUM LIMIT OF IMPURITIES

Colour APHA	10
Residue on ignition (as SO_4)	0,0002 %
Ammonium (NH_4)	0,0001 %
Free Chlorine (Cl)	0,00005 %
Bromide (Br)	0,005 %
Phosphate (PO_4)	0,000001 %
Sulphate (SO_4)	0,00005 %
Sulphite (SO_3)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,001	Cu	0,001	Ni	0,005
Al	0,02	Fe	0,01	Pb	0,001
As	0,005	Ga	0,005	Pt	0,01
Au	0,005	Hg	0,005	Sn	0,005
Ba	0,005	In	0,002	Sr	0,001
Be	0,001	K	0,01	Ti	0,001
Bi	0,005	Li	0,001	Tl	0,001
Ca	0,05	Mg	0,005	V	0,001
Cd	0,001	Mn	0,001	Zn	0,005
Co	0,001	Mo	0,001	Zr	0,001
Cr	0,005	Na	0,02		

Order code	Package	Units/Box st.
381020.1210	500 ml (P)	6

Hydrochloric Acid 37% (VLSI) EG

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Minimum assay	36,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Free halogens (Cl_2)	p/t.
Phosphate (PO_4)	0,00005 %
Sulphate (SO_4)	0,0001 %
Sulphite (SO_3)	0,0001 %
0,5 µm particles	250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	10	Cr	10	Nb	10
Al	50	Cu	10	Ni	10
As	10	Fe	50	Pb	10
Au	10	Ga	10	Sb	10
B	20	Ge	10	Sn	20
Ba	10	K	50	Sr	20
Be	10	Li	10	Ti	10
Bi	20	Mg	50	Tl	10
Ca	50	Mn	10	V	10
Cd	10	Mo	10	Zn	50
Co	10	Na	200	Zr	10

Order code	Package	Units/Box st.
871020.1212	2,5 l (P)	4

Hydrochloric Acid 37% (MOS) EG

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Minimum assay	36,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Free halogens (Cl_2)	p/t.
Phosphate (PO_4)	0,00005 %
Sulphate (SO_4)	0,0002 %
Sulphite (SO_3)	0,0001 %
0,5 µm particles*	1000 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	20	Cu	10	Sb	10
Al	50	Fe	200	Sn	20
As	10	Ga	20	Sr	20
Au	20	K	100	Ti	10
B	20	Li	20	Zn	50
Ba	100	Mg	100	Zr	10
Bi	20	Mn	10		
Ca	200	Mo	10		
Cd	10	Na	500		
Co	10	Ni	10		
Cr	10	Pb	20		

*Indicative value

Order code	Package	Units/Box st.
861020.1212	2,5 l (P)	4

Hydrochloric Acid 37% (max.0,0000005% Hg) PA-ACS-ISO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Assay (Acidim.)	36,5-38,0 %
Density at 15/4	≥1,19
Appearance	p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Extractable organic substances	p/t.
Chlorine (Cl)	0,0001 %
Bromide (Br)	0,005 %
Sulphate (SO_4)	0,0001 %
Sulphite (SO_3)	0,0001 %
Ammonium (NH_4)	0,0003 %
Heavy metals (as Pb)	0,0001 %
Hg	0,0000005%

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Pb	0,02
Al	0,1	Fe	0,1	Pt	0,1
As	0,01	Ga	0,05	Sb	0,01
Au	0,1	Ge	0,02	Si	0,1
B	0,2	In	0,05	Sn	0,1
Ba	0,05	K	0,1	Sr	0,02
Be	0,02	Li	0,02	Ti	0,02
Bi	0,05	Mg	0,1	Tl	0,02
Ca	0,5	Mn	0,01	V	0,01
Cd	0,01	Mo	0,01	Zn	0,05
Co	0,01	Na	0,5	Zr	0,02
Cr	0,02	Ni	0,02		

Order code	Package	Units/Box st.
471020.1611	1000 ml	6
471020.1612	2,5 l	4

Hydrochloric Acid 37% PA-ACS-ISO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Assay (Acidim.)	36,5-38,0 %
Density at 15/4	≥1,19
Appearance	p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Extractable organic substances	p/t.
Chlorine (Cl)	0,0001 %
Bromide (Br)	0,005 %
Sulphate (SO_4)	0,0001 %
Sulphite (SO_3)	0,0001 %
Ammonium (NH_4)	0,0003 %
Heavy metals (as Pb)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,02
Al	0,1	Fe	0,2	Pb	0,02
As	0,01	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,02	Sb	0,01
B	0,2	Hg	0,1	Si	0,1
Ba	0,05	In	0,05	Sn	0,1
Be	0,02	K	0,1	Sr	0,02
Bi	0,05	Li	0,02	Ti	0,02
Ca	0,5	Mg	0,1	Tl	0,02
Cd	0,01	Mn	0,01	V	0,01
Co	0,01	Mo	0,01	Zn	0,05
Cr	0,02	Na	0,5	Zr	0,02

Order code	Package	Units/Box st.
131020.1611	1000 ml	6
131020.1211	1000 ml	6
131020.2211	1000 ml	6
131020.1612	2,5 l	4
131020.1212	2,5 l	4
131020.2212	2,5 l	4
131020.1214	5 l	4
131020.0716	25 l	
131020.0718	60 l	
131020.0719	200 l	

Hydrochloric Acid 37% (RFE, BP, Ph. Eur.) PRS-CODEX

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Assay (Acidim.)	36,5-39,0 %
Identity according to Pharmacopoeias	p/t.
Density at 15/4	≥1,19

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Non-volatile matter	0,01 %
Residue on ignition (as SO_4)	0,005 %
Residual solvents (Ph.Eur./USP)	p/t.
Chlorine	0,0004 %
Bromide (Br)	0,01 %
Sulphate (SO_4)	0,0005 %
Sulphite	0,0005 %
Ammonium (NH_4)	0,001 %
Heavy metals (as Pb)	0,0002 %
As	0,0002 %
Cu	0,0002 %
Fe	0,0001 %
Ni	0,0002 %
Pb	0,0002 %

Order code	Package	Units/Box st.
141020.1611	1000 ml	6
141020.1612	2,5 l	4
141020.1214	5 l	4
141020.0716	25 l	
141020.0718	60 l	

Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Assay, not less than	23 °Bé
Colour	p/t.
Concentration of HCl, not less than	37 %
Heavy metals (as Pb), not more than	1 ppm
Iron, not more than	5 ppm
Non-volatile residue, not more than	0,5 %
Oxidizing substances (as Cl_2), not more than	0,003 %
Reducing substances (as SO_2), not more than	0,007 %
Specific gravity, not less than	1,190
Sulphate, not more than	0,5 %
Extractable organic compounds: Total org.comp. (Non-Fluorine-cont), not more than	5 ppm
Including:	
Benzene, not more than	0,05 ppm
Fluorinated org. compounds (total), not more than	25 ppm
Arsenic, not more than	1 ppm
Mercury, not more than	1 ppm
Lead, not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201020.1214	5 l	4
201020.0716	25 l	

Hydrochloric Acid 37% QP

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314-H335

1l~1,19kg 1kg~0,84l

SPECIFICATIONS:

Assay (Acidim.)	36,5-39 %
Density at 15/4	1,185-1,195
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,005 %
As	0,0003 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211020.1611	1000 ml	6
211020.1214	5 l	4
211020.0716	25 l	
211020.0718	60 l	
211020.0719	200 l	

Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335

1l~1,185kg 1kg~0,844l

SPECIFICATIONS:

Assay (Acidim.) ..... 32-35 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag 10	Hf 10	Sb 20
Al 20	Hg 50	Sc 10
As 50	Ho 1	Sm 1
Au 50	In 1	Sn 20
B 100	K 10	Sr 10
Ba 10	La 1	Tb 1
Be 10	Li 10	Te 1
Bi 10	Lu 10	Th 1
Ca 10	Mg 10	Ti 10
Cd 10	Mn 10	Tl 10
Ce 10	Mo 10	Tm 1
Co 10	Na 10	U 1
Cr 10	Nb 1	V 10
Cs 10	Nd 1	W 10
Cu 10	Ni 20	Y 1
Dy 1	Pb 10	Yb 1
Er 1	Pr 1	Zn 10
Eu 1	Rb 10	Zr 10
Fe 10	Re 10	
Ga 10	Rh 10	
Gd 1	Ru 10	

Analysis Type:

Ag 5	Hf 0,05	Rh 1
Al 10	Hg 20	Ru 10
As 20	Ho 0,01	Sb 20
Au 10	In 0,1	Sc 1
B 10	K 10	Se 50
Ba 1	La 0,05	Sm 0,01
Be 5	Li 1	Sn 10
Bi 0,05	Lu 0,01	Sr 1
Ca 10	Mg 5	Ta 20
Cd 0,1	Mn 2	Tb 0,01
Ce 0,05	Mo 5	Te 1
Co 3	Na 5	Th 0,05
Cr 10	Nb 1	Ti 10
Cs 0,05	Nd 0,05	Tl 0,1
Cu 3	Ni 10	Tm 0,01
Dy 0,01	Pb 1	U 0,01
Er 0,01	Pd 10	V 1
Eu 0,01	Pr 0,05	W 5
Fe 10	Pt 1	Y 0,1
Ga 1	Rb 1	Yb 0,01
Gd 0,01	Re 0,1	Zn 5
		Zr 1

Order code	Package	Units/Box st.
711019.0009	250 ml	6
711019.0010	500 ml	6

Hydrochloric Acid 35% (TMA) HIPERPUR

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335

1l~1,185kg 1kg~0,844l

SPECIFICATIONS:

Assay (Acidim.) ..... 34-37 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Free chlorine (Cl) ..... 0,00005 %
Bromide (Br) ..... 0,0010 %
Total sulphur ..... 0,00003 %
Total phosphorus ..... 0,000001 %

Metals by ICP (ppb)

Ag 1	Hf 0,1	Sb 0,5
Al 1	Hg 0,1	Sc 0,1
As 0,5	Ho 0,1	Se 1
Au 0,5	In 0,1	Sm 0,1
B 1	K 1	Sn 0,5
Ba 0,1	La 0,1	Sr 0,1
Be 0,1	Li 0,1	Tb 0,1
Bi 0,1	Lu 0,1	Te 0,1
Ca 1	Mg 0,5	Th 0,1
Cd 0,1	Mn 0,1	Ti 0,5
Ce 0,1	Mo 0,1	Tl 0,1
Co 0,1	Na 1	Tm 0,1
Cr 0,5	Nb 0,1	U 0,1
Cs 0,1	Nd 0,1	V 0,5
Cu 0,5	Ni 0,5	W 0,1
Dy 0,1	Pb 0,1	Y 0,1
Er 0,1	Pr 0,1	Yb 0,1
Eu 0,1	Rb 0,1	Zn 1
Fe 1	Re 0,1	Zr 0,1
Ga 0,1	Rh 0,1	
Gd 0,1	Ru 0,1	

Analysis Type:

Ag 0,1	Hf 0,1	Rh 0,1
Al 0,5	Hg 0,02	Ru 0,1
As 0,1	Ho 0,1	Sb 0,1
Au 0,1	In 0,1	Sc 0,1
B 0,5	K 0,1	Se 0,5
Ba 0,1	La 0,1	Sm 0,1
Be 0,1	Li 0,1	Sn 0,1
Bi 0,1	Lu 0,1	Sr 0,1
Ca 0,5	Mg 0,5	Ta 0,5
Cd 0,1	Mn 0,1	Tb 0,1
Ce 0,1	Mo 0,1	Te 0,1
Co 0,1	Na 0,5	Th 0,1
Cr 0,1	Nb 0,1	Ti 0,1
Cs 0,1	Nd 0,1	Tl 0,1
Cu 0,1	Ni 0,1	Tm 0,1
Dy 0,1	Pb 0,1	U 0,1
Er 0,1	Pd 0,5	V 0,1
Eu 0,1	Pr 0,1	W 0,1
Fe 0,5	Pt 0,5	Y 0,1
Ga 0,1	Rb 0,1	Yb 0,1
Gd 0,1	Re 0,1	Zn 0,5
		Zr 0,1

Order code	Package	Units/Box st.
721019.0010	500 ml	6
721019.0011	1000 ml	6
721019.0012	2,5 l	4

Hydrochloric Acid 32% PA-ISO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335

1l~1,16kg 1kg~0,86l

SPECIFICATIONS:

Minimum assay (Acidim.)	32 %
Density at 15/4	≥1,16

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Chlorine (Cl)	0,0001 %
Bromide (Br)	0,005 %
Sulphate (SO_4)	0,0001 %
Sulphite (SO_3)	0,0001 %
Ammonium (NH_4)	0,0003 %
Heavy metals (as Pb)	0,0001 %
Al	0,00001 %
As	0,000001 %
Ba	0,000005 %
Be	0,000002 %
Ca	0,00005 %
Cd	0,000001 %
Co	0,000001 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00002 %
K	0,00001 %
Li	0,000002 %
Mg	0,00001 %
Mn	0,000001 %
Na	0,00005 %
Ni	0,000002 %
Pb	0,000002 %
Sr	0,000002 %
Zn	0,000005 %

Order code	Package	Units/Box st.
132176.1611	1000 ml	6
132176.1612	2,5 l	4
132176.1214	5 l	4
132176.0716	25 l	
132176.0718	60 l	

Hydrochloric Acid 32% PRS

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335

1l~1,16kg 1kg~0,86l

SPECIFICATIONS:

Assay (Acidim.)	32 %
Density at 15/4	≥1,165
Residue on ignition (as SO_4)	0,005 %
Chlorine (Cl)	0,001 %
Bromide (Br)	0,01 %
Sulphate (SO_4)	0,0005 %
Sulphite (SO_3)	0,0005 %
Ammonium (NH_4)	0,001 %
As	0,00001 %
Cu	0,0005 %
Fe	0,0001 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
142176.1611	1000 ml	6
142176.1214	5 l	4
142176.0716	25 l	

Hydrochloric Acid 25% PA-ISO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335

1l~1,12kg 1kg~0,89l

SPECIFICATIONS:

Minimum assay (Acidim.)	25,0 %
Density at 15/4	≥1,12

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Chlorine (Cl)	0,0001 %
Bromide (Br)	0,005 %
Sulphate (SO_4)	0,0001 %
Sulphite (SO_3)	0,0001 %
Ammonium (NH_4)	0,0003 %
Heavy metals (as Pb)	0,0001 %
Al	0,00001 %
As	0,000001 %
Ba	0,000005 %
Be	0,000002 %
Ca	0,00005 %
Cd	0,000001 %
Co	0,000001 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00002 %
K	0,00001 %
Li	0,000002 %
Mg	0,00001 %
Mn	0,000001 %
Na	0,00005 %
Ni	0,000002 %
Pb	0,000002 %
Sr	0,000002 %
Zn	0,000005 %

Order code	Package	Units/Box st.
133378.1611	1000 ml	6
133378.1612	2,5 l	4
133378.1214	5 l	4
133378.0716	25 l	

Hydrochloric Acid 10 g/l RE

for determination of the coloration grade in liquids according to Ph. Eur.
HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l~1,004kg 1kg~0,996l

Composition:

Hydrochloric Acid 37 %	27,0 g
Water s.q.m	1000 ml

Order code	Package	Units/Box st.
175567.1211	1000 ml	6

Hydrochloric Acid 10 g/l VINIKIT

for determination of sulphates in red wine
HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l~1,004kg 1kg~0,996l

Composition:

Hydrochloric Acid 37 %	27,0 g
Water s.q.m	1000 ml

Order code	Package	Units/Box st.
625567.1209	250 ml	6

Hydrochloric Acid-Water solution 50:50 VINIKIT

for determination of Fe, according to Ferré Michel method
HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H335-H315

1l~1,100kg 1kg~0,909l

Composition:

Hydrochloric Acid 35%	50,0 ml
Water s.q.m.	100 ml

Order code	Package	Units/Box st.
624574.1209	250 ml	6

HYDROCHLORIC ACID SOLUTIONS

Hydrochloric Acid 0,01 mol/l (0,01N) SV

Indicator: Methyl Red.
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182884.1211	1000 ml	6
182884.1315	10 l	(*)

Hydrochloric Acid 0,05 mol/l (0,05N) SV

Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182107.1211	1000 ml	6

Hydrochloric Acid 0,1 mol/l (0,1N) RE

solution for pH scales
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Titer .....1,000 ±0,005

Order code	Package	Units/Box st.
171023.1209	250 ml	6

Hydrochloric Acid 0,1 mol/l (0,1N) SV

Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181023.1211	1000 ml	6
181023.1212	2,5 l	4
181023.1214	5 l	4
181023.1315	10 l	(*)

Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SVc

CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303110.1920	1 ampoule	6

Hydrochloric Acid 0,25 mol/l (0,25N) SV

Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,004kg 1kg~0,996l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182318.1211	1000 ml	6

Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV

for determination of starch in feed, according to Ewers. Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,005kg 1kg~0,995l
SPECIFICATIONS:
Titer .....1,000±0,005

Order code	Package	Units/Box st.
185423.1211	1000 ml	6
185423.1214	5 l	4

Hydrochloric Acid 0,3571 mol/l (N/2,8) SV

HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,005kg 1kg~0,994l
SPECIFICATIONS:
Titer .....1,000±0,001

183878.1211	1000 ml	6
183878.1315	10 l	(*)

Hydrochloric Acid 0,5 mol/l (0,5N) SV

Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,007kg 1kg~0,993l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181022.1211	1000 ml	6
181022.1212	2,5 l	4
181022.1315	10 l	(*)

Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SVc

CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H335-H315
SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303111.1920	1 ampoule	6

Hydrochloric Acid 1 mol/l (1N) SV

Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,011kg 1kg~0,989l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181021.1211	1000 ml	6
181021.1212	2,5 l	4
181021.1214	5 l	4
181021.1315	10 l	(*)
181021.0716	25 l	

Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SVc

CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335
SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303112.1920	1 ampoule	6

Hydrochloric Acid 2 mol/l (2N) SV

Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,035kg 1kg~0,966l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182108.1211	1000 ml	6
182108.1315	10 l	(*)

(*) Sol-Pack pack with tap

Hydrochloric Acid 3 mol/l (3N) SV

for analysis of raw fat
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning


H319-H335-H315

1l~1,046kg 1kg~0,956l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
182057.1211	1000 ml (P)	6
182057.1315	10 l	(*)

Hydrochloric Acid 3,571 mol/l (3,571N) SV

HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning


H319-H335-H315

1l~1,055kg 1kg~0,948l
SPECIFICATIONS:
Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
183879.1211	1000 ml (P)	6

Hydrochloric Acid 5 mol/l (5N) SV

Indicator: Methyl Red
HCl
M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning


H319-H335-H315

1l~1,09kg 1kg~0,92l
SPECIFICATIONS:
Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
182109.1211	1000 ml (P)	6

Hydrofluoric Acid 50% (VLSI) EG

HF
M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H330-H310-H300-H314

1l~1,16kg 1kg~0,86l
SPECIFICATIONS:
Assay ..... 49,5-50,5 %
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Chloride (Cl) ..... 0,0005 %
Phosphate (PO_4) ..... 0,0001 %
Nitrate (NO_3) ..... 0,0003 %
Sulphate (SO_4) ..... 0,0001 %
Sulphite (SO_3) ..... 0,0005 %
Fluosilic Acid ..... 0,005 %
0,5 µm particles ..... 250 /ml
Metals by ICP [µg/Kg (ppb)]

Ag 10	Co 10	Na 50
Al 20	Cr 10	Ni 10
As 10	Cu 10	Pb 10
Au 20	Fe 50	Sb 10
B 20	Ga 10	Sn 10
Ba 10	K 50	Sr 20
Be 10	Li 10	Ti 10
Bi 10	Mg 50	V 10
Ca 50	Mn 10	Zn 50
Cd 10	Mo 10	

Order code	Package	Units/Box st.
876324.1212	2,5 l (P)	4

Hydrofluoric Acid 50% (MOS) EG

HF
M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H330-H310-H300-H314

1l~1,16kg 1kg~0,86l
SPECIFICATIONS:
Assay ..... 49,5-50,5 %
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Chloride (Cl) ..... 0,0005 %
Phosphate (PO_4) ..... 0,0001 %
Nitrate (NO_3) ..... 0,0003 %
Sulphate (SO_4) ..... 0,0001 %
Sulphite (SO_3) ..... 0,0005 %
Fluosilic Acid ..... 0,01 %
0,5 µm particles* ..... 1000 /ml
Metals by ICP [µg/Kg (ppb)]

Ag 20	Cr 20	Ni 10
Al 50	Cu 10	Pb 20
As 10	Fe 100	Sb 10
Au 50	Ga 20	Sn 20
B 20	K 100	Sr 20
Ba 50	Li 10	Ti 50
Bi 20	Mg 100	V 50
Ca 200	Mn 10	Zn 50
Cd 20	Mo 20	
Co 20	Na 100	

*Indicative value

Order code	Package	Units/Box st.
866324.1212	2,5 l (P)	4

Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS

HF
M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H330-H310-H300-H314

1l~1,16kg 1kg~0,86l
SPECIFICATIONS:
Assay (Acidim.) ..... 47-51 %
MAXIMUM LIMIT OF IMPURITIES
Metals by ICP (ppt)

Ag 10	Ge 10	Re 10
Al 20	Hf 10	Rh 20
As 50	Hg 50	Ru 20
Au 20	Ho 1	Sb 20
B 100	In 1	Sc 10
Ba 10	K 10	Sm 1
Be 10	La 10	Sn 20
Bi 10	Li 10	Sr 10
Ca 10	Lu 1	Tb 1
Cd 10	Mg 10	Te 1
Ce 10	Mn 10	Th 1
Co 10	Mo 10	Ti 20
Cr 10	Na 10	Tl 10
Cs 10	Nb 10	Tm 1
Cu 10	Nd 1	U 1
Dy 1	Ni 20	V 10
Er 1	Pb 10	W 20
Eu 1	Pd 20	Y 1
Fe 10	Pr 1	Yb 1
Ga 10	Pt 20	Zn 10
Gd 1	Rb 20	Zr 10

Analysis Type:

Ag 1	Hf 1	Ru 1
Al 10	Hg 20	Sb 10
As 10	Ho 0,1	Sc 1
Au 10	In 0,1	Se 50
B 10	K 10	Sm 0,1
Ba 5	La 0,1	Sn 10
Be 5	Li 1	Sr 1
Bi 0,1	Lu 0,1	Ta 20
Ca 10	Mg 5	Tb 0,1
Cd 0,1	Mn 1	Te 1
Ce 0,1	Mo 5	Th 0,1
Co 1	Na 10	Ti 10
Cr 10	Nb 5	Tl 0,1
Cs 0,5	Nd 0,1	Tm 0,1
Cu 10	Ni 10	U 0,1
Dy 0,1	Pb 1	V 1
Er 0,1	Pd 10	W 10
Eu 0,1	Pr 0,1	Y 0,5
Fe 10	Pt 10	Yb 0,1
Ga 1	Rb 1	Zn 5
Gd 0,1	Re 0,1	Zr 10
Ge 1	Rh 1	

Order code	Package	Units/Box st.
711028.0009	250 ml (P)	6
711028.0010	500 ml (P)	6

(*) Sol-Pack pack with tap

Hydrofluoric Acid 48% (TMA) HIPERPUR

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H330-H310-H300-H314

1l~1,16kg 1kg~0,86l

SPECIFICATIONS:

Assay (Acidim.) ..... 47-51 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Fluosilicic Acid ..... 0,0020 %
Chloride (Cl) ..... 0,0004 %
Total sulphur ..... 0,00001 %
Total phosphorus ..... 0,000005 %

Metals by ICP (ppb)

Ag 0,5	Ge 0,1	Re 0,1
Al 1	Hf 0,1	Rh 0,1
As 0,5	Hg 1	Ru 0,1
Au 0,2	Ho 0,1	Sb 0,2
B 1	In 0,1	Sc 0,1
Ba 0,1	K 1	Se 1
Be 0,1	La 0,1	Sm 0,1
Bi 0,1	Li 0,1	Sn 0,5
Ca 1	Lu 0,1	Sr 0,1
Cd 0,1	Mg 1	Tb 0,1
Ce 0,1	Mn 0,1	Te 0,1
Co 0,1	Mo 0,1	Th 0,1
Cr 1	Na 1	Ti 1
Cs 0,1	Nb 0,1	Tl 0,1
Cu 0,5	Nd 0,1	Tm 0,1
Dy 0,1	Ni 0,5	U 0,1
Er 0,1	Pb 0,1	V 0,1
Eu 0,1	Pd 0,2	W 0,5
Fe 1	Pr 0,1	Y 0,1
Ga 0,1	Pt 0,2	Yb 0,1
Gd 0,1	Rb 0,1	Zn 1
		Zr 0,1

Analysis Type:

Ag 0,1	Hf 0,1	Ru 0,1
Al 0,5	Hg 0,05	Sb 0,1
As 0,1	Ho 0,1	Sc 0,1
Au 0,1	In 0,1	Se 0,1
B 0,5	K 0,2	Sm 0,1
Ba 0,1	La 0,1	Sn 0,1
Be 0,1	Li 0,1	Sr 0,1
Bi 0,1	Lu 0,1	Ta 0,5
Ca 0,5	Mg 0,2	Tb 0,1
Cd 0,1	Mn 0,1	Te 0,1
Ce 0,1	Mo 0,1	Th 0,1
Co 0,1	Na 0,5	Ti 0,5
Cr 0,1	Nb 0,1	Tl 0,1
Cs 0,1	Nd 0,1	Tm 0,1
Cu 0,1	Ni 0,1	U 0,1
Dy 0,1	Pb 0,1	V 0,1
Er 0,1	Pd 0,2	W 0,5
Eu 0,1	Pr 0,1	Y 0,1
Fe 0,5	Pt 0,2	Yb 0,1
Ga 0,1	Rb 0,1	Zn 0,1
Gd 0,1	Re 0,1	Zr 0,1
Ge 0,1	Rh 0,1	

Order code	Package	Units/Box st.
721028.0010	500 ml P	6

Hydrofluoric Acid 48% PA-ACS-ISO

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H330-H310-H300-H314

1l~1,16kg 1kg~0,86l

SPECIFICATIONS:

Assay (Acidim.) ..... 48,0-51,0 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,0005 %
Reducing substances to $KMnO_4$ ..... p/t.
Fluosilicic acid (F_6H_2Si) ..... 0,01 %
Chloride (Cl) ..... 0,0005 %
Phosphate (PO_4) ..... 0,0001 %
Sulphate and Sulphite (as SO_4) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,00005 %
As ..... 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,04	Fe 0,2	Pb 0,1
Al 0,1	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,2	In 0,05	Sn 0,05
Be 0,04	K 0,2	Sr 0,04
Bi 0,05	Li 0,04	Ti 0,05
Ca 0,5	Mg 0,2	Tl 0,02
Cd 0,02	Mn 0,1	V 0,02
Co 0,04	Mo 0,02	Zn 0,1
Cr 0,04	Na 0,4	Zr 0,05
Cu 0,04	Ni 0,04	

Order code	Package	Units/Box st.
131028.1211	1000 ml P	6
131028.1212	2,5 l P	4
131028.1214	5 l P	4
131028.0716	25 l P	
131028.0718	60 l P	

Hydrofluoric Acid 40% PA-ISO

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H330-H310-H300-H314

1l~1,130kg 1kg~0,885l

SPECIFICATIONS:

Assay (Acidim.) ..... 40-42 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,0005 %
Reducing substances to $KMnO_4$ ..... p/t.
Fluosilicic acid (F_6H_2Si) ..... 0,01 %
Chloride (Cl) ..... 0,0005 %
Phosphate (PO_4) ..... 0,0001 %
Sulphate and sulphite (as SO_4) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,00005 %
As ..... 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,04	Fe 0,2	Pb 0,1
Al 0,1	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,2	In 0,05	Sn 0,05
Be 0,04	K 0,2	Sr 0,04
Bi 0,05	Li 0,04	Ti 0,05
Ca 0,5	Mg 0,2	Tl 0,02
Cd 0,02	Mn 0,1	V 0,02
Co 0,04	Mo 0,02	Zn 0,1
Cr 0,04	Na 0,4	Zr 0,05
Cu 0,04	Ni 0,04	

Order code	Package	Units/Box st.
133070.1211	1000 ml P	6
133070.1212	2,5 l P	4
133070.1214	5 l P	4

Hydrofluoric Acid 40% QP

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H330-H310-H300-H314

1l~1,130kg 1kg~0,885l

SPECIFICATIONS:

Assay (Acidim.)	40-42 %
Chloride (Cl)	0,005 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
213070.1211	1000 ml	6
213070.1212	2,5 l	4
213070.1214	5 l	4
213070.0718	60 l	

Hydrogen Peroxide 33% w/v (110 vol.) PA-ACS-ISO

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger


H302-H318

1l~1,11kg 1kg~0,90l

SPECIFICATIONS:

Assay (Perm.), w/w	30,0-32,0 %
Assay (as O_2 vol.)(Perm.)	110 vol.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,002 %
Acidity	0,0006 meq/g
Nitrogen compounds (as N)	0,0004 %
Chloride (Cl)	0,0001 %
Phosphate (PO_4)	0,0002 %
Nitrate (NO_3)	0,0002 %
Sulphate (SO_4)	0,0005 %
Ammonium (NH_4)	0,0005 %
Heavy metals (as Pb)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,05
Al	0,1	Fe	0,1	Pb	0,1
As	0,5	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,05	Sb	0,02
B	0,5	Hg	0,1	Sr	0,02
Ba	0,1	In	0,05	Ti	0,05
Be	0,02	K	1	Tl	0,02
Bi	0,05	Li	0,02	V	0,02
Ca	0,5	Mg	0,1	Zn	0,1
Cd	0,05	Mn	0,02	Zr	0,05
Co	0,02	Mo	0,02		
Cr	0,02	Na	1		

Order code	Package	Units/Box st.
131077.1410	500 ml	2
131077.1211	1000 ml	6
131077.1214	5 l	4

Hydrogen Peroxide 33% w/v (110 vol.) stabilized (RFE, USP, BP, Ph. Eur.) PRS-CODEX

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger


H302-H318

1l~1,11kg 1kg~0,90l

SPECIFICATIONS:

Assay (Perm.) w/w	29,0-31,0 %
Assay (as O_2 vol.) (Perm.)	110 vol.
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,05 %
Residual solvents (Ph.Eur./USP)	p/t.
Organic stabilizers	0,05 %
Acidity	p/t.
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,0001 %
As	0,00005 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141077.1410	500 ml	2
141077.1211	1000 ml	6
141077.1214	5 l	4
141077.0716	25 l	

Hydrogen Peroxide 33% w/v (110 vol.) stabilized QP

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger


H302-H318

1l~1,11kg 1kg~0,90l

SPECIFICATIONS:

Assay (Perm.) w/v	33 %
Assay (as O_2 vol.)(Perm.)	110 vol.
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %

Order code	Package	Units/Box st.
211077.1214	5 l	4
211077.0716	25 l	
211077.0718	60 l	

Hydrogen Peroxide 30% w/w (VLSI) EG

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger


H302-H318

1l~1,11kg 1kg~0,90l

SPECIFICATIONS:

Minimum assay w/w	28 %
Resistivity (1/20)	200000 ohm·cm

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,00005 %
Nitrate (NO_3)	0,0002 %
Sulphate (SO_4)	0,0001 %
Ammonium	0,0001 %
Acidity (as H_2SO_4)	0,002 %
TOC	0,002 %
0,5 µm particles	250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	10	Cu	10	Sn	20
Al	30	Fe	30	Sr	10
As	10	Ga	10	Ta	20
Au	20	K	20	Ti	10
B	20	Li	10	Tl	20
Ba	10	Mg	20	V	10
Be	10	Mn	10	Zn	20
Bi	20	Mo	10	Zr	10
Ca	50	Na	50		
Cd	10	Ni	10		
Co	10	Pb	10		
Cr	10	Sb	10		

Order code	Package	Units/Box st.
876323.1212	2,5 l	4

Hydrogen Peroxide 30% w/w (MOS) EG

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger


H302-H318

1l~1,11kg 1kg~0,90l

SPECIFICATIONS:

Minimum assay w/w	28 %
Density at 20/4	1,11

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,0001 %
Phosphate (PO_4)	0,0001 %
Nitrate (NO_3)	0,0005 %
Sulphate (SO_4)	0,0002 %
0,5 µm particles*	1000 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	20	Co	20	Mo	20
Al	50	Cr	20	Na	100
As	10	Cu	20	Ni	50
Au	50	Fe	50	Pb	20
B	50	Ga	20	Sb	20
Ba	20	In	50	Sn	50
Be	10	K	50	Sr	20
Bi	20	Li	20	Ti	20
Ca	100	Mg	50	V	20
Cd	20	Mn	10	Zn	50

*Indicative value

Order code	Package	Units/Box st.
866323.1212	2,5 l	4

Hydrogen Peroxide 30% w/w HIPERPUR-PLUS

H_2O_2

M.= 34,01 CAS [7722-84-1] NC: 2847 00 00 E.C.: 008-003-00-9
RTECS: MX 0899000 LD L_0 oral hmn 1429 mg/Kg VLA-ED: 1,4 mg/m³
UN: 2014 ADR: 5.1/II IMDG: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506 (E)
Signal Word: Danger



H302-H318
1l~1,11kg 1kg~0,90l
SPECIFICATIONS:
Minimum assay (Acidim.).....30-32 %

Order code	Package	Units/Box st.
716323.0010	500 ml	6

Hydrogen Peroxide 30% w/v (100 vol.) PA

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger



H302-H318
1l~1,10kg 1kg~0,91l
SPECIFICATIONS:
Minimum assay (Perm.) w/v .....30,0 %
Assay (as vol. O_2)(Perm.).....100 vol.
MAXIMUM LIMIT OF IMPURITIES
APHA colour.....10
Non-volatile matter.....0,005 %
Acidity..... 0,0008 meq/g
Nitrogen compounds (as N) .....0,001 %
Chloride (Cl).....0,0001 %
Phosphate (PO_4) .....0,0005 %
Sulphate (SO_4) .....0,0005 %
Heavy metals (as Pb).....0,0001 %
Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cr.....0,02	Mo 0,02
Al 0,2	Cu.....0,02	Na 10
As 0,5	Fe.....0,1	Ni 0,05
Au 0,1	Ga.....0,05	Pb 0,1
B 0,5	Ge.....0,05	Pt 0,1
Ba 0,1	Hg.....0,1	Sb 0,02
Be 0,02	In.....0,05	Sr 0,02
Bi 0,05	K 5	Ti.....0,05
Ca 0,5	Li.....0,02	Tl.....0,02
Cd 0,05	Mg 0,1	V 0,02
Co 0,02	Mn 0,02	Zn 0,1
		Zr 0,05

Order code	Package	Units/Box st.
121076.1410	500 ml	2
121076.1211	1000 ml	6
121076.1214	5 l	4
121076.0716	25 l	

Hydrogen Peroxide 30% w/v (100 vol.) stabilized PRS

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger



H302-H318
1l~1,10kg 1kg~0,91l
SPECIFICATIONS:
Assay (Perm.) w/v.....30 %
Assay (as vol. O_2) (Perm.).....100 vol.
Non-volatile matter.....0,05 %
Acidity..... 0,012 meq/g
Chloride (Cl).....0,005 %
As .....0,00005 %
Cu .....0,001 %
Fe.....0,0005 %
Ni .....0,001 %
Pb .....0,001 %

Order code	Package	Units/Box st.
141076.1410	500 ml	2
141076.1211	1000 ml	6
141076.1214	5 l	4
141076.0716	25 l	

Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
Signal Word: Danger



H302-H318
1l~1,10kg 1kg~0,91l
SPECIFICATIONS:
Assay (Perm.) w/v, not less than .....30,0 %
Assay (as vol. O_2) (Perm.).....100 vol.
Acidity (as H_2SO_4), not more than.....0,03 %
Iron, not more than.....0,5 ppm
Phosphate (PO_4), not more than.....0,005 %
Residue on evaporation, not more than.....0,006 %
Tin, not more than .....10 ppm
Lead, not more than .....4 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201076.1214	5 l	4
201076.0716	25 l	

Hydrogen Peroxide 10% w/v (~33 vol.) stabilized VINIKIT

for determination of Fe, according to Ferré Michel method
H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2984
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 514 CAO: 515
Signal Word: Danger



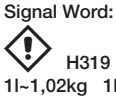
H302-H318
1l~1,009kg 1kg~0,991l
SPECIFICATIONS:
Assay (Perm.) w/v.....10 %
Assay (as vol. O_2)(Perm.).....33 vol.

Order code	Package	Units/Box st.
625513.1205	10 ml	6
625513.1208	100 ml	6

Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00
Signal Word: Warning



H319
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Assay (Perm.) w/v.....5,0-7,0 %
Assay (as vol. O_2)(Perm.).....20 vol.
Identity according to Pharmacopoeias ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Non-volatile matter.....0,02 %
Residual solvents (Ph.Eur./USP)..... p/t.
Organic stabilisers.....0,025 %
Acidity..... p/t.
Chloride (Cl).....0,001 %
Phosphate (PO_4) .....0,005 %
Sulphate (SO_4) .....0,001 %
As .....0,00005 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd).....10 ppm
Class 1B (Ir, Rh, Ru, Os) .....10 ppm
Class 1C (Mo, Ni, Cr, V).....25 ppm
Class 2 (Cu, Mn).....250 ppm
Class 3 (Fe, Zn).....1300 ppm

Order code	Package	Units/Box st.
142660.1211	1000 ml	6
142660.1214	5 l	4
142660.0716	25 l	

Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00
1l~1,009kg 1kg~0,991l
SPECIFICATIONS:
Assay (Perm.) w/v.....3 %

Order code	Package	Units/Box st.
622772.1209	250 ml	6

Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT

for determination of the sulphurous gas (SO_2), according to Paul

H_2O_2

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00

1l~1,000kg 1kg~1,000l

Composition:

Hydrogen Peroxide 30% w/v ..... 3 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
624904.1209	250 ml	6

Hydroquinone (USP) PRS-CODEX

$C_6H_4(OH)_2$

M: 110,11 CAS: 123-31-9 EINECS: 204-617-8 NC: 2907 22 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H351-H318-H317-H341-H400

SPECIFICATIONS:

Assay (calc. a.d.s.) 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 172-174°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t
Pyrocatechol ..... 0,05 %
Sulphate (SO_4) ..... 0,05 %
Water (H_2O) ..... 0,5 %
Heavy metals (as Pb) ..... 0,002 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141351.1208	100 g	6
141351.1210	500 g	6
141351.0914	5 kg	
141351.0416	25 kg	

Hydroquinone, 99% PS

$C_6H_4(OH)_2$

M: 110,11 CAS: 123-31-9 EINECS: 204-617-8 NC: 2907 22 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H351-H318-H317-H341-H400

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 172-174°C

Order code	Package	Units/Box st.
161351.1209	250 g	6
161351.1211	1000 g	6
161351.0914	5 kg	

Hydroquinone mono-Methyl Ether

(see 4-Methoxyphenol)

Hydrotimetric Liquor RE

for determination of hardness of water according to Boutron and Boudet.
Storage over 18°C.

NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Composition:

Pure olive oil ..... 28,3 ml
Formaldehyde 35-40% ..... 5 ml
Sodium Hydroxide pellets ..... 4,46 g
Ethanol absolute ..... 552,4 ml
Water ..... 452,6 ml

Order code	Package	Units/Box st.
171386.1211	1000 ml	6
171386.1212	2,5 l	4

Hydroxyacetic Acid

(see Glycolic Acid)

4'-Hydroxyacetophenone, 98% PS

$C_8H_8O_2$

M: 136,15 CAS: 99-93-4 EINECS: 202-802-8 NC: 2914 50 00

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A037.1208	100 g	6
15A037.1210	500 g	6

1-Hydroxyadamantane

(see 1-Adamantanol)

2-Hydroxyaniline

(see 2-Aminophenol)

4-Hydroxyaniline

(see 4-Aminophenol)

4-Hydroxyanisole

(see 4-Methoxyphenol)

Hydroxybenzene

(see Phenol)

2-Hydroxybenzoic Acid

(see Salicylic Acid)

4-Hydroxybenzoic Acid, 99% PS

$C_7H_6O_3$

M: 138,12 CAS: 99-96-7 EINECS: 202-804-9 NC: 2916 31 00

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 213-215°C

Order code	Package	Units/Box st.
15A669.1209	250 g	6
15A669.1211	1000 g	6

4-Hydroxybenzoic Acid Methyl Ester

(see Methyl 4-Hydroxybenzoate)

1-Hydroxybenzotriazole moistened with ~33% of H_2O PS

$C_6H_5N_3O.xH_2O$

M: 135,13 CAS: 123333-53-9 EINECS: 219-989-7 NC: 2933 99 90 UN: 3380

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: P CAO: P

Signal Word: Danger



H201

SPECIFICATIONS:

Minimum assay (a.d.s.) ..... 98 %

Order code	Package	Units/Box st.
15A446.1606	25 g	6
15A446.1608	100 g	6

3-Hydroxybenzotrifluoride

(see 3-(Trifluoromethyl) Phenol)

4-Hydroxibenzyl Alcohol, 99% PS

$C_7H_8O_2$

M: 124,14 CAS: 623-05-2 EINECS: 210-768-0 NC: 2907 29 00

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B641.1606	25 g	6
15B641.1608	100 g	6

α-Hydroxybenzyl Phenyl Ketone

(see Benzoin)

2-Hydroxybiphenyl, 98% PS

$C_{12}H_{10}O$

M: 170,21 CAS: 90-43-7 EINECS: 201-993-5 NC: 2907 19 90

Signal Word: Warning



H319-H335-H315-H400

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 56-58°C

Order code	Package	Units/Box st.
15A632.1211	1000 g	6

4-Hydroxybutyric Acid Lactone
(see γ-Butyrolactone)

2-Hydroxy-p-Cymene
(see 5-Isopropyl-2-Methylphenol)

2-Hydroxy-5-Chlorothymol
(see 5-Chlorcarvacrol)

2-Hydroxy-3,5-Dinitrobenzoic Acid
(see 3,5-Dinitrosalicylic Acid)

2-Hydroxyethyl Chloride
(see 2-Chloroethanol)

2-(Hydroxyethyl) Phenyl Sulphide
(see 2-(Phenylthio) Ethanol)

2-(2-Hydroxyethyl) Pyridine, 98% PS
C_7H_9NO

M: 123,15 CAS: 103-74-2 EINECS: 203-140-2 NC: 2933 39 99

Signal Word: Warning



H319-H335-H315

1l~1,093kg 1kg~0,914l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A118.1608	100 ml	6
15A118.1610	500 ml	6

5-Hydroxy-2-(Hydroxymethyl)-4H-Pyran-4-one
(see Kojic Acid)

2-Hydroxyisobutyric Acid, 99% PS
$C_4H_8O_3$

M: 104,11 CAS: 594-61-6 EINECS: 209-848-8 NC: 2918 19 85

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 80-82°C

Order code	Package	Units/Box st.
15B588.1606	25 g	6
15B588.1608	100 g	6

Hydroxylamine
(see Hydroxylammonium compounds)

Hydroxylammonium Chloride (max. 0,000001% Hg) PA-ACS-ISO
$(NH_3OH)Cl$

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Minimum assay (Perm.) ..... 99,5 %
pH of 5% solution 2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Insoluble matter in C_2H_5OH ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,01 %
Acidity ..... 0,25 meq/g
Sulphur compounds (as SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Hg ..... 0,000001 %

Metals by ICP [mg/Kg (ppm)]

Bi 5	Ge 5	Pb 5
Cd 5	In 5	Sr 5
Co 5	K 50	Tl 5
Cr 5	Mg 5	V 5
Cu 5	Mn 5	Zn 5
Fe 5	Na 50	Zr 5
Ga 5	Ni 5	

Order code	Package	Units/Box st.
471914.1209	250 g	6

Hydroxylammonium Chloride (Reag. Ph. Eur.) PA-ACS-ISO
$(NH_3OH)Cl$

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Minimum assay (Perm.) ..... 99,5 %
pH of 5% solution 2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Insoluble matter in C_2H_5OH ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,01 %
Acidity ..... 0,25 meq/g
Sulphur compounds (as SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Bi 5	Ge 5	Pb 5
Cd 5	In 5	Sr 5
Co 5	K 50	Tl 5
Cr 5	Mg 5	V 5
Cu 5	Mn 5	Zn 5
Fe 5	Na 50	Zr 5
Ga 5	Ni 5	

Order code	Package	Units/Box st.
131914.1209	250 g	6
131914.1211	1000 g	6
131914.1214	5 kg	4

Hydroxylammonium Chloride PRS
$(NH_3OH)Cl$

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Assay (Perm.) ..... 99 %
Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,2 %
Acidity ..... 0,5 meq/g
Sulphate (SO_4) ..... 0,05 %
As ..... 0,0001 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141914.1209	250 g	6
141914.1211	1000 g	6
141914.1214	5 kg	4

Hydroxylammonium Chloride, 99% PS
$(NH_3OH)Cl$

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Assay (Perm.) ..... 99 %

Order code	Package	Units/Box st.
151914.1208	100 g	6
151914.1210	500 g	6

Hydroxylammonium Sulphate PA

$(NH_3OH)_2SO_4$

M: 164,15 CAS: 10039-54-0 EINECS: 233-118-8 NC: 2825 10 00 UN: 2865
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Minimum assay (Perm.)	99 %
pH of 2% solution	3,0-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition	0,1 %
Acidity (as H_2SO_4)	0,05 %
Chloride (Cl)	0,001 %
Heavy metals (as Pb)	0,001 %
As	0,00005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,001 %
Na	0,002 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121925.1209	250 g	6
121925.1214	5 kg	4

Hydroxylammonium Sulphate, 99% PS

$(NH_3OH)_2SO_4$

M: 164,15 CAS: 10039-54-0 EINECS: 233-118-8 NC: 2825 10 00 UN: 2865
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Assay (Perm.)	99 %

Order code	Package	Units/Box st.
151925.1208	100 g	6
151925.1211	1000 g	6

Hydroxymethanesulphinic Acid Sodium Salt

(see Sodium Formaldehyde Sulphoxylate x-hydrate)

1-Hydroxy-4-Methoxybenzene

(see 4-Methoxyphenol)

(Hydroxymethyl) Cyclopropane

(see Cyclopropylmethanol)

4-Hydroxy-4-Methyl-2-Pentanone PRS

$CH_3COCH_2C(CH_3)_2OH$

M: 116,16 CAS: 123-42-2 EINECS: 204-626-7 NC: 2914 19 90 UN: 1148
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H319

1l~0,938kg 1kg~1,066l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,935-0,940
Non-volatile matter	0,05 %
Mesityl oxide (G.C.)	0,5 %
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141083.1611	1000 ml	6
141083.1612	2,5 l	4
141083.1214	5 l	4
141083.0716	25 l	

4-Hydroxy-4-Methyl-2-Pentanone, 98% PS

$CH_3COCH_2C(CH_3)_2OH$

M: 116,16 CAS: 123-42-2 EINECS: 204-626-7 NC: 2914 19 90 UN: 1148
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H319

1l~0,938kg 1kg~1,066l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151083.1606	25 ml	6
151083.1610	500 ml	6

1-Hydroxynaphthalene

(see 1-Naphthol)

2-Hydroxynaphthalene

(see 2-Naphthol)

2-Hydroxy-5-Nitrobenzaldehyde

(see 5-Nitrosalicylaldehyde)

2-Hydroxy-1-Nitroso-3,6-Naphthalenedisulphonic Acid Disodium Salt

(see Nitroso R Salt)

4-Hydroxyphenylacetamide, 99% PS

$C_8H_9NO_2$

M: 151,16 CAS: 17194-82-0 EINECS: 241-235-0 NC: 2924 29 95

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.
Melting range	175-176°C

Order code	Package	Units/Box st.
15B642.1604	5 g	6

4-Hydroxyphenylacetic Acid, 98% PS

$C_8H_8O_3$

M: 152,15 CAS: 156-38-7 EINECS: 205-851-3 NC: 2918 19 85
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay	98 %
Identity	IR p/t.
Melting range	150-153°C

Order code	Package	Units/Box st.
15A670.1206	25 g	6

DL-α-Hydroxyphenylacetic Acid

(see DL-Mandelic Acid)

N-Hydroxyphthalimide, 98% PS

$C_8H_5NO_3$

M: 163,13 CAS: 524-38-9 EINECS: 208-358-1 NC: 2925 19 95

SPECIFICATIONS:

Minimum assay (Acidim.)	98 %
Identity	IR p/t.
Melting range	230-235°C

Order code	Package	Units/Box st.
15A838.1208	100 g	6

4-Hydroxypiperidine, 98% PS

$C_5H_{11}NO$

M: 101,15 CAS: 5382-16-1 EINECS: 226-373-1 NC: 2933 39 99

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A190.1606	25 g	6
15A190.1608	100 g	6

2-Hydroxy-1,2,3-Propanetricarboxylic Acid Potassium Salt

(see tri-Potassium Citrate 1-hydrate)

(S)-2-Hydroxypropanoic Acid

(see L(+)-Lactic Acid)

6-Hydroxypurine
(see Hypoxanthine)

8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS
C_9H_7NO
M: 145,16 CAS: 148-24-3 EINECS: 205-711-1 NC: 2933 49 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H302

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 72,5-74,0°C

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_2H_5OH ..... 0,05 %
Residue on ignition (as SO_4) ..... 0,05 %
Suitability for Mg determination ..... p/t.
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Water (H_2O) ..... 0,2 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Mg ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
131352.1608	100 g	6
131352.1609	250 g	6

8-Hydroxyquinoline, 99% PS
C_9H_7NO
M: 145,16 CAS: 148-24-3 EINECS: 205-711-1 NC: 2933 49 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H332-H302

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 72-74°C

Order code	Package	Units/Box st.
161352.1608	100 g	6
161352.1610	500 g	6

D-Hydroxysuccinic Acid
(see D-Malic Acid)

DL-Hydroxysuccinic Acid
(see DL-Malic Acid)

2-Hydroxytoluene
(see o-Cresol)

4-Hydroxytoluene
(see p-Cresol)

5-Hydroxy-m-Xylene
(see 3,5-Dimethylphenol)

Hypoxanthine, 99% PS
$C_5H_4N_4O$
M: 136,11 CAS: 68-94-0 EINECS: 200-697-3 NC: 2933 21 00
SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B691.1604	5 g	6
15B691.1606	25 g	6

ICP STANDARDS
(see Standards for ICP)

Imidazole (Reag. USP, Ph. Eur.) PA-ACS
$C_3H_4N_2$
M: 68,08 CAS: 288-32-4 EINECS: 206-019-2 NC: 2933 29 90 UN: 3263
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger


H302-H314-H361d

SPECIFICATIONS:
Minimum assay ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 88-90°C
pH of 5% solution 9,5-10,5

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,05 %
Water (H_2O) ..... 0,2 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,001 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
132536.1208	100 g	6
132536.1210	500 g	6

Imidazole, 99% PS
$C_3H_4N_2$
M: 68,08 CAS: 288-32-4 EINECS: 206-019-2 NC: 2933 29 90 UN: 3263
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger


H302-H314-H361d

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 88-90°C
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
162536.1209	250 g	6
162536.1211	1000 g	6

2,4-Imidazolidinedione
(see Hydantoin)

Imidazolidinyl Urea, 26-28% (in N) PS
$C_{11}H_6N_8O_8$
M: 388,3 CAS: 39236-46-9 EINECS: 254-372-6 NC: 2933 29 90
SPECIFICATIONS:
Assay (as N) ..... 26-28 %

Order code	Package	Units/Box st.
15B187.1608	100 g	6
15B187.1610	500 g	6

Iminodibenzyl, 99% PS
$C_{14}H_{13}N$
M: 195,27 CAS: 494-19-9 EINECS: 207-787-1 NC: 2933 99 30
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 105-108°C

Order code	Package	Units/Box st.
15B692.1206	25 g	6

2,2'-Iminodiethanol
(see Diethanolamine)

Immersion Oil DC
for microscopy, inclusion medium
CAS: 8001-79-4 EINECS: 232-293-8 NC: 1515 30 90
1l~0,960kg 1kg~1,042l
SPECIFICATIONS:
Identity ..... IR p/t.
Density at 20/4 0,955-0,965
Refractive index n^{20}/D 1,477-1,481

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_2H_5OH ..... p/t.

Order code	Package	Units/Box st.
251002.1207	50 ml	6
251002.1208	100 ml	6

Immersion Oil purified DC

for microscopy
CAS: 8000-27-9 NC: 3301 30 00
1l~0,990kg 1kg~1,010l
SPECIFICATIONS:
Identity.....IR p/t.
Density at 20/4 0,986-0,996
Refractive index n ^{20}/D..... 1,518-1,525
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in $C_2H_5OC_2H_5$..... p/t
Insoluble matter in C_2H_5OH ..... p/t

Order code	Package	Units/Box st.
254561.1207	50 ml	6
254561.1208	100 ml	6

Indicator, Mixed (Dimidium Bromide-Disulphine Blue) RV

for determination of surfactants. pale pink; pale blue
NC: 3822 00 00 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H371-H332-H312-H302-H319-H315

1l~1,023kg 1kg~0,978l
Composition:
Dimidium Bromide.....80 mg
Disulphine Blue.....40 mg
Sulphuric Acid 96%.....36 ml
Methanol.....100 ml
Water s.q.m. .....1000 ml

Order code	Package	Units/Box st.
286330.1612	2,5 l	4

Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV

for ammonia titrations. pH 4,4 red violet; 5,8 green
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225

1l~0,828kg 1kg~1,208l
Composition:
Methyl Red .....100 mg
Methylene Blue.....50 mg
Water .....10,4 ml
Ethanol absolute s.q.m.....100 ml

Order code	Package	Units/Box st.
282430.1609	250 ml	6

Indicator 4,4, Mixed (Methyl Red-Methylene Blue) VINIKIT

for determination of sulphurous gas (SO_2) in wines, according to Paul. pH 4,4 violet; 5,8 green
NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H225

1l~0,931kg 1kg~1,074l
Composition:
Methyl Red .....100 mg
Methylene Blue.....50 mg
Ethanol absolute.....50 ml
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
624905.1208	100 ml	6

Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV

for ammonia titrations. pH 4,8 pink violet; 5,5 emerald green
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225

1l~0,799kg 1kg~1,252l
Composition:
Methyl Red .....41 mg
Bromocresol Green .....60 mg
Ethanol absolute s.q.m.....100 ml

Order code	Package	Units/Box st.
283303.1609	250 ml	6

Indicator Solvent RV

for oil and fat acidity
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225

1l~0,76kg 1kg~1,32l
Composition:
Phenolphtalein.....15 mg
Ethyl Ether .....50 ml
Ethanol .....50 ml

Order code	Package	Units/Box st.
281298.1611	1000 ml	6

Indicator Buffer Tablets RV

for the hardness water determination with EDTA
NC: 3822 00 00
Signal Word: Danger


H302-H319-H334-H317

SPECIFICATIONS:
Suitability as hardness indicator ..... p/t.
Disintegration time at 25°C ..... 100 s

Order code	Package	Units/Box st.
285406.1208	100 g	6

Indigo Carmine (C.I. 73015) PA

for determination of nitrates
$C_{16}H_8N_2O_8S_2Na_2$
M: 466,36 CAS: 860-22-0 EINECS: 212-728-8 NC: 3204 12 00
SPECIFICATIONS:
λ of max. ABS in H_2O ..... 606-612 nm
A 1%, 1 cm, λmax.....>380
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C.....10 %

Order code	Package	Units/Box st.
121246.1605	10 g	6
121246.1607	50 g	6

Indigo Carmine (C.I. 73015) DC

for microscopy, nucleus and glycogen staining
$C_{16}H_8N_2O_8S_2Na_2$
M: 466,36 CAS: 860-22-0 EINECS: 212-728-8 NC: 3204 12 00
SPECIFICATIONS:
λ of max. ABS in H_2O ..... 606-612 nm
A 1%, 1 cm, λmax.....>380
Ratio λmax. P± 15 nm..... 0,98-1,07
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C.....10 %

Order code	Package	Units/Box st.
251246.1605	10 g	6
251246.1607	50 g	6

Indigotine

(see Indigo Carmine)

INDIUM SOLUTIONS

(see Standards for ICP)

Indium(III) Sulphate anhydrous PRS

$In_2(SO_4)_3$
M: 517,83 CAS: 13464-82-9 EINECS: 236-689-1 NC: 2833 29 90
SPECIFICATIONS:
Minimum assay .....99 %

Order code	Package	Units/Box st.
143459.1605	10 g	6

Indole PA

C_8H_7N
M: 117,15 CAS: 120-72-9 EINECS: 204-420-7 NC: 2933 99 20
SPECIFICATIONS:
Minimum assay (G.C.) .....99,0 %
Identity.....IR p/t.
Melting range..... 51-53°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) .....0,1 %
Cu .....0,001 %
Fe.....0,001 %
Ni .....0,001 %
Pb .....0,001 %

Order code	Package	Units/Box st.
122065.1605	10 g	6

Indole, 99% PS

C_8H_7N

M: 117,15 CAS: 120-72-9 EINECS: 204-420-7 NC: 2933 99 20

SPECIFICATIONS:

Assay (G.C.)..... 99 %
Identity..... IR p/t.
Melting range..... 50-52°C

Order code	Package	Units/Box st.
162065.1608	100 g	6

1H-Indole-3-Acetic Acid, 98% PS

$C_{10}H_9NO_2$

M: 175,18 CAS: 87-51-4 EINECS: 201-748-2 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A262.1606	25 g	6
15A262.1608	100 g	6

1H-Indole-3-Butyric Acid, 99% PS

$C_{12}H_{13}NO_2$

M: 203,24 CAS: 133-32-4 EINECS: 205-101-5 NC: 2933 99 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
155494.1604	5 g	6
155494.1606	25 g	6

Infusorial Earth

(see Siliceous Earth purified and calcined)

Ingredients for Microbiology

(see chapter CULTIMED products)

Inositol

(see myo-Inositol)

myo-Inositol, 99% PS

$C_6H_{12}O_6$

M: 180,16 CAS: 87-89-8 EINECS: 201-781-2 NC: 2906 13 90

SPECIFICATIONS:

Assay..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15B695.1208	100 g	6
15B695.1210	500 g	6

Iodine resublimed pearls PA-ACS

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Warning



H332-H312-H400

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in KI..... p/t.
Non-volatile matter..... 0,01 %
Chlorine and Bromine (as Cl)..... 0,005 %
Chloride and Bromide (as Cl) ..... 0,005 %
Ca..... 0,001 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cr..... 0,0005 %
Cu..... 0,0005 %
Fe..... 0,005 %
K..... 0,005 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131771.1608	100 g	6
131771.1609	250 g	6
131771.1610	500 g	6
131771.1611	1000 g	6
131771.1614	5 kg	6
131771.0416	25 kg	

Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Warning



H332-H312-H400

SPECIFICATIONS:

Assay (Iodom.)..... 99,8-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter..... 0,05 %
Residual solvents (Ph.Eur./USP)..... p/t
Chloride and Bromide (as Cl) ..... 0,025 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd)..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V)..... 25 ppm
Class 2 (Cu, Mn)..... 250 ppm
Class 3 (Fe, Zn)..... 1300 ppm

Order code	Package	Units/Box st.
141771.1608	100 g	6
141771.1609	250 g	6
141771.1611	1000 g	6
141771.1614	5 kg	4
141771.0416	25 kg	

Iodine crude QP

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Warning



H332-H312-H400

SPECIFICATIONS:

Assay (Iodom.)..... 99 %
Non-volatile matter..... 0,05 %
Chloride and Bromide (as Cl) ..... 0,05 %

Order code	Package	Units/Box st.
213168.1608	100 g	6
213168.1609	250 g	6
213168.1611	1000 g	6
213168.1614	5 kg	6
213168.0416	25 kg	

IODINE SOLUTIONS

Iodine solution ~7% in ethanol 85% (USP) CODEX

I_2

M: 253,81 NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225-H411

1l~0,924kg 1kg~1,082l

SPECIFICATIONS:

Iodine (w/v)..... 6,8-7,5 %
Potassium iodide (w/v)..... 4,7-5,5 %
Identity according to Pharmacopoeias ..... p/t.
Ethanol ..... 82,5-88,5 %
Residual solvents (Ph.Eur./USP)..... p/t.

Order code	Package	Units/Box st.
191931.1610	500 ml	6
191931.1611	1000 ml	6

Iodine solution ~2% in ethanol 50% (USP) CODEX

I_2

M: 253,81 NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225-H412

1l~0,948kg 1kg~1,055l

SPECIFICATIONS:

Iodine (w/v)..... 1,8-2,2 %
Sodium iodide (w/v)..... 2,1-2,6 %
Identity according to Pharmacopoeias ..... p/t.
Ethanol ..... 44,0-50,0 %
Residual solvents (USP) ..... p/t.

Order code	Package	Units/Box st.
191932.1610	500 ml	6
191932.1611	1000 ml	6

Iodine 0,01 mol/l (0,02N) SV

Indicator: Starch

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00
CE: 053-001-00-3
1l~1,005kg 1kg~0,995l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181969.1611	1000 ml	6

Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00
CE: 053-001-00-3
1l~1,040kg 1kg~0,962l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182915.1616	25 l	

Iodine 0,025 mol/l (0,05N) SV

Indicator: Starch

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00
CE: 053-001-00-3
1l~1,015kg 1kg~0,985l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182161.1611	1000 ml	6

Iodine 0,05 mol/l (0,1N) SV

Indicator: Starch

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00
CE: 053-001-00-3
1l~1,026kg 1kg~0,975l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181772.1611	1000 ml	6
181772.1612	2,5 l	4

Iodine 0,05 mol (12,690g I_2) to prepare 1l of 0,1N solution SVc

CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning

H411

SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303119.1920	1 ampoule	6

Iodine 0,5 mol/l (1N) SV

Indicator: Starch

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning

H411

1l~1,284kg 1kg~0,779l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182162.1611	1000 ml	6

Iodine 0,01 mol/l (0,02N) VINIKIT

for determination of free and total sulfur dioxide in wine and must. Indicator: Starch

I_2

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00
H412
1l~1,005kg 1kg~0,995l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
621969.1609	250 ml	6
621969.1610	500 ml	6
621969.1611	1000 ml	6

Iodine mono-Bromide PRS

IBr

M: 206,84 CAS: 7789-33-5 EINECS: 232-159-9 NC: 2812 90 00 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger

H314-H335

SPECIFICATIONS:
Assay (Iodom.).....98 %
Insoluble matter in CH_3COOH.....0,01 %
Residue on ignition.....0,1 %

Order code	Package	Units/Box st.
141770.2208	100 g	6
141770.2209	250 g	6

Iodine mono-Bromide, 98% PS

IBr

M: 206,84 CAS: 7789-33-5 EINECS: 232-159-9 NC: 2812 90 00 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger

H314-H335

SPECIFICATIONS:
Assay (Iodom.).....98 %

Order code	Package	Units/Box st.
151770.2207	50 g	6
151770.2211	1000 g	6

Iodine mono-Chloride, 98% PS

ICl

M: 162,36 CAS: 7790-99-0 EINECS: 232-236-7 NC: 2812 90 00 UN: 1792
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 817
Signal Word: Danger

H314-H335

1l~3,20kg 1kg~0,31l
SPECIFICATIONS:
Assay (Iodom.).....98 %

Order code	Package	Units/Box st.
15A884.2208	100 g	6
15A884.2209	250 g	6

Iodine Monochloride

(see Iodine mono-Chloride)

Iodine's Dyeing

(see Iodine, solution in ethanol)

2-Iodoaniline, 98% PS

C_6H_6IN

M: 219,03 CAS: 615-43-0 EINECS: 210-426-0 NC: 2921 42 10
SPECIFICATIONS:
Assay.....98 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15B229.1604	5 g	6
15B229.1606	25 g	6

4-Iodoaniline, 98% PS

C_6H_6IN

M: 219,02 CAS: 540-37-4 EINECS: 208-743-4 NC: 2921 42 10 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H332-H312-H302-H319-H335-H315

SPECIFICATIONS:
Assay.....98 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15B231.1606	25 g	6
15B231.1608	100 g	6

1-Iodobutane, 98% stabilized with copper PS

C_4H_9I

M: 184,02 CAS: 542-69-8 EINECS: 208-824-4 NC: 2903 39 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

H226

1l~1,617kg 1kg~0,618l
SPECIFICATIONS:
Assay.....98 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15B247.1608	100 ml	6

2-Iodobutane, 98% stabilized with copper PS

C_4H_9I

M: 184,02 CAS: 513-48-4 EINECS: 208-163-1 NC: 2903 39 90 UN: 2390
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~1,592kg 1kg~0,628l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B248.1608	100 ml	6
15B248.1610	500 ml	6

Iodoethane, 98% stabilized with copper PS

C_2H_5I

M: 155,97 CAS: 75-03-6 EINECS: 200-833-1 NC: 2903 39 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226

1l~1,925kg 1kg~0,519l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,923-1,927
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A885.1608	100 ml	6
15A885.1609	250 ml	6

Iodoform PRS

I_3CH

M: 393,73 CAS: 75-47-8 EINECS: 200-874-5 NC: 2903 39 90
Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay (Arg.) ..... 99 %
Identity ..... IR p/t.
Insoluble matter in CH_3COCH_3 ..... 0,05 %
Residue on ignition (as SO_4) ..... 0,1 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141909.1608	100 g	6
141909.1609	250 g	6
141909.1611	1000 g	6
141909.1614	5 kg	6

Iodomethane, 99% stabilized with copper PS

CH_3I

M: 141,94 CAS: 74-88-4 EINECS: 200-819-5 NC: 2903 39 90 UN: 2644
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/- PAX: P CAO: P
Signal Word: Danger



H312-H331-H301-H335-H315-H351

1l~2,278kg 1kg~0,439l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 2,270-2,285
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A886.1609	250 g	6
15A886.1611	1000 g	6

1-Iodopropane, 98% stabilized with copper PS

C_3H_7I

M: 169,99 CAS: 107-08-4 EINECS: 203-460-2 NC: 2903 39 90 UN: 2392
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226

1l~1,743kg 1kg~0,574l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B249.1607	50 ml	6
15B249.1609	250 ml	6

N-Iodosuccinimide, 98% PS

$C_4H_4INO_2$

M: 224,99 CAS: 516-12-1 EINECS: 208-221-6 NC: 2925 19 95
SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B198.1604	5 g	6
15B198.1606	25 g	6

Iodotrimethylsilane, 98% PS

C_3H_9ISi

M: 200,10 CAS: 16029-98-4 EINECS: 240-171-0 NC: 2931 00 95 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH014-H314

1l~1,470kg 1kg~0,680l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B445.1606	25 ml	6
15B445.1608	100 ml	6

Ion Exchange Resin Strongly Acidic RE

CAS: 69011-20-7 NC: 3914 00 00
Signal Word: Warning



H319

SPECIFICATIONS:

Total exchange capacity, min ..... 1,8 meq/ml
Water ..... 50-56 %

Order code	Package	Units/Box st.
175106.1611	1000 g	6

IONIC CHROMATOGRAPHY STANDARDS

(see Standards for Ionic Chromatography)

Ionol

(see 2,6-Di-tert-Butyl-4-Methylphenol)

IPy_2BF_4

(see Bis (Pyridine) Iodonium Tetrafluoroborate)

IRIDIUM SOLUTIONS

(see Standards for ICP)

Iron metal reduced by hydrogen PRS

Fe

M: 55,85 CAS: 7439-89-6 EINECS: 231-096-4 NC: 7205 29 00
SPECIFICATIONS:

Assay (Perm.) ..... 98 %
Insoluble matter in H_2SO_4 ..... 0,5 %

Order code	Package	Units/Box st.
141901.1210	500 g	6
141901.1211	1000 g	6
141901.1214	5 kg	6

Iron metal, fine granulated QP

Fe

M: 55,85 CAS: 7439-89-6 EINECS: 231-096-4 NC: 7205 29 00
SPECIFICATIONS:

Assay (Iodom.) ..... 99 %

Order code	Package	Units/Box st.
211934.1209	250 g	6
211934.1211	1000 g	6
211934.1214	5 kg	6
211934.0416	25 kg	

Iron metal, thick granulated QP

Fe

M: 55,85 CAS: 7439-89-6 EINECS: 231-096-4 NC: 7205 29 00
SPECIFICATIONS:

Assay (Iodom.) ..... 97 %

Order code	Package	Units/Box st.
211935.1209	250 g	6
211935.1211	1000 g	6

IRON SOLUTIONS

(see also Standards for Atomic Absorption and ICP)

Iron standard solution Fe=0,100±0,002 g/l VINIKIT

$[Fe(NO_3)_3.9H_2O$ in HNO_3 0,5N] for determination of Fe

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H315

1l~1,016kg 1kg~0,984l

SPECIFICATIONS:

Concentration (in g/l) ..... 0,100±0,002

Order code	Package	Units/Box st.
624906.1208	100 ml	6

Iron standard solution Fe=0,125±0,005 g/l VINIKIT

$[Fe(NO_3)_3.9H_2O$ in HNO_3 0,5N] for determination of Fe, according to Ferré Michel method

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H315

1l~1,015kg 1kg~0,985l

SPECIFICATIONS:

Order code	Package	Units/Box st.
625515.1205	10 ml	6

Iron standard solution Fe=0,200±0,002 g/l VINIKIT

$[Fe(NO_3)_3.9H_2O$ in HNO_3 0,5N] for determination of Fe, according to Ferré Michel method

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H315

1l~1,016kg 1kg~0,984l

SPECIFICATIONS:

Element (Iodom.) (as g/l) ..... 0,200±0,002

Order code	Package	Units/Box st.
624617.1209	250 ml	6

Iron Alum

(see Ammonium Iron(III) Sulphate 12-hydrate)

Iron(III) and Ammonium Citrate

(see Ammonium Iron(III) Citrate)

Iron(III) and Ammonium Oxalate

(see Ammonium Iron(III) Oxalate 3-hydrate)

Iron(III) and Ammonium Sulphate

(see Ammonium Iron(III) Sulphate 12-hydrate)

Iron(II) and Ammonium Sulphate

(see Ammonium Iron(II) Sulphate 6-hydrate)

Iron Bis (Cyclopentadienyl)

(see Ferrocene)

Iron(II) Chloride 4-hydrate PRS

$Cl_2Fe.4H_2O$

M: 198,81 CAS: 13478-10-9 EINECS: 231-843-4 NC: 2827 39 20

Signal Word: Danger



H302-H315-H318

SPECIFICATIONS:

Minimum assay (Perm.) a.a.s. ..... 63 %

Order code	Package	Units/Box st.
141868.1209	250 g	6
141868.1211	1000 g	6

Iron(III) Chloride anhydrous, 97% PS

$FeCl_3$

M: 162,21 CAS: 7705-08-0 EINECS: 231-729-4 NC: 2827 39 20 UN: 1773

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay (Yodom.) ..... 97 %

Order code	Package	Units/Box st.
15A813.1609	250 g	6
15A813.1611	1000 g	6

Iron(III) Chloride 6-hydrate PRS

$FeCl_3.6H_2O$

M: 270,30 CAS: 10025-77-1 EINECS: 231-729-4 NC: 2827 39 20

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Iodom.) ..... 97-102 %
Insoluble matter in HCl ..... 0,2 %
P compounds (as PO_4) ..... 0,05 %
Sulphate (SO_4) ..... 0,1 %
As ..... 0,005 %
Ca ..... 0,05 %
Cu ..... 0,01 %
Fe(II) ..... 0,05 %
K ..... 0,05 %
Mg ..... 0,05 %
Mn ..... 0,1 %
Na ..... 0,1 %
Pb ..... 0,01 %
Zn ..... 0,05 %

Order code	Package	Units/Box st.
141358.1210	500 g	6
141358.1211	1000 g	6
141358.1214	5 kg	4
141358.0416	25 kg	

Iron(III) Chloride 30% aqueous solution QP

30% w/w $FeCl_3$-50% w/w $FeCl_3.6H_2O$

CAS: 7705-08-0 EINECS: 231-729-4 NC: 2827 39 20 UN: 2582

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H302-H319-H315

1l~1,306kg 1kg~0,766l

SPECIFICATIONS:

Assay (as $FeCl_3$)(Iodom.) w/w ..... 30 %
Assay (as $FeCl_3.6H_2O$)(Iodom.) w/w ..... 50 %

Order code	Package	Units/Box st.
211359.1211	1000 ml	6
211359.1214	5 l	4
211359.0716	25 l	
211359.0718	60 l	

Iron Dicyclopentadienyl

(see Ferrocene)

Iron(II) Ethylenediammonium Sulphate 4-hydrate PA

$C_2H_{10}N_2O_4S.FeO_4S.4H_2O$

M: 382,15 CAS: 34962-29-3 EINECS: 264-357-6 NC: 2921 29 00

SPECIFICATIONS:

Minimum assay (Perm.) ..... 99,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,01 %
Phosphate (PO_4) ..... 0,002 %
Cu ..... 0,001 %
K ..... 0,01 %
Mg ..... 0,005 %
Mn ..... 0,02 %
Na ..... 0,01 %
Pb ..... 0,001 %
Zn ..... 0,003 %

Order code	Package	Units/Box st.
123582.1208	100 g	6

Iron(III) Nitrate 9-hydrate PRS

$Fe(NO_3)_3.9H_2O$

M: 404,00 CAS: 7782-61-8 EINECS: 233-899-5 NC: 2834 29 80 UN: 1466

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Iodom.) ..... 98 %
Insoluble matter in H_2O ..... 0,05 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,02 %
Ca ..... 0,02 %
Cu ..... 0,005 %
Fe(II) ..... 0,01 %
Mg ..... 0,02 %
Pb ..... 0,005 %
Zn ..... 0,01 %

Order code	Package	Units/Box st.
141297.1210	500 g	6
141297.1211	1000 g	6
141297.1214	5 kg	4
141297.0416	25 kg	

Iron(II) Oxalate 2-hydrate PA

$Fe(COO)_2.2H_2O$

M: 179,90 CAS: 6047-25-2 EINECS: 208-217-4 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H312-H302

SPECIFICATIONS:

Minimum assay (Perm.) a.d.s.	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Cu	0,005 %
Mn	0,05 %
Ni	0,05 %
Pb	0,01 %

Order code	Package	Units/Box st.
121357.1210	500 g P	6

Iron(II) Oxalate 2-hydrate PRS

$Fe(COO)_2.2H_2O$

M: 179,90 CAS: 6047-25-2 EINECS: 208-217-4 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H312-H302

SPECIFICATIONS:

Assay (Perm.)	98 %
Insoluble matter in HCl	0,1 %
Chloride (Cl)	0,025 %
Sulphate (SO_4)	0,1 %

Order code	Package	Units/Box st.
141357.1210	500 g P	6
141357.0914	5 kg PP	

Iron(III) Oxide QP

Fe_2O_3

M: 159,69 CAS: 1309-37-1 EINECS: 215-168-2 NC: 2821 10 00

SPECIFICATIONS:

Assay (Iodom.)	96 %
Loss on ignition	0,5 %
Soluble matter in H_2O	1 %
Phosphate (PO_4)	0,3 %
Sulphate (SO_4)	0,5 %
Mn	0,25 %

Order code	Package	Units/Box st.
212375.1210	500 g P	6
212375.1211	1000 g P	6
212375.0914	5 kg PP	
212375.0416	25 kg PP	

Iron Perchloride

(see Iron(III) Chloride)

Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO

$FePO_4.xH_2O$

M: 150,82(anh) CAS: 10045-86-0 EINECS: 233-149-7 NC: 2835 29 90

SPECIFICATIONS:

Assay (as Fe)	26,0-32,0 %
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,005 %
Lead, not more than	4 ppm
Loss on Ignition, not more than	32,5 %
Mercury, not more than	3 ppm
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
202515.0914	5 kg PP	

Iron(II) Sulphate ~1-hydrate QP

$FeSO_4.\sim1H_2O$

M: 151,91(anh) CAS: 17375-41-6 EINECS: 231-753-5 NC: 2833 29 50
Signal Word: Warning

H302-H319-H315

SPECIFICATIONS:

Minimum assay (as $FeSO_4$) (Perm.)	82 %

Order code	Package	Units/Box st.
215295.1214	5 kg P	4

Iron(II) Sulphate ~2-hydrate PA

$FeSO_4\sim2H_2O$

M: 151,91(anh) CAS: 10028-21-4 EINECS: 231-753-5 NC: 2833 29 50
Signal Word: Warning

H302-H319-H315

SPECIFICATIONS:

Minimum assay (as $FeSO_4$)(Perm.)	80,0 %

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0,02 %
As	0,0003 %
Ca	0,005 %
Cu	0,005 %
K	0,002 %
Mg	0,005 %
Mn	0,1 %
Na	0,02 %
Pb	0,002 %
Zn	0,005 %

Order code	Package	Units/Box st.
121793.1210	500 g P	6
121793.1211	1000 g P	6
121793.1214	5 kg P	4
121793.0416	25 kg PP	

Iron(II) Sulphate 7-hydrate PA-ACS

$FeSO_4.7H_2O$

M: 278,02 CAS: 7782-63-0 EINECS: 231-753-5 NC: 2833 29 50
Signal Word: Warning

H302-H319-H315

SPECIFICATIONS:

Minimum assay (Perm.)	99,0 %
pH of 5% solution	3-4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,0005 %
As	0,00004 %
Fe(III)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Be	10	Mg	20
Bi	10	Mn	300
Ca	50	Mo	10
Cd	50	Na	20
Co	20	Ni	50
Cr	80	Pb	5
Cu	10	Sr	10
Hg	10	Ti	10
K	20	Zn	20

Order code	Package	Units/Box st.
131362.1210	500 g P	6
131362.1211	1000 g P	6
131362.1214	5 kg P	4
131362.0416	25 kg PP	

Iron(II) Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$FeSO_4.7H_2O$

M: 278,02 CAS: 7782-63-0 EINECS: 231-753-5 NC: 2833 29 50
Signal Word: Warning

H302-H319-H315

SPECIFICATIONS:

Assay (Cerim.)	99,5-104,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	3,0-4,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,01 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,02 %
Phosphate (PO_4)	0,003 %
Heavy metals (as Pb)	0,005 %
As	0,0003 %
Cr	0,005 %
Cu	0,005 %
Fe (III)	0,3 %
Hg	0,0003 %
Mg	0,025 %
Mn	0,1 %
Ni	0,005 %
Pb	0,001 %
Zn	0,005 %

Order code	Package	Units/Box st.
141362.1210	500 g P	6
141362.1211	1000 g P	6
141362.1214	5 kg P	4
141362.0416	25 kg PP	

Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO

$FeSO_4.7H_2O$

M: 278,02 CAS: 7782-63-0 EINECS: 231-753-5 NC: 2833 29 50

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay ($FeSO_4.7H_2O$) 99,5-104,5%
Appearance ..... p/t
Identity:
Sulphate ..... p/t.
Iron (ferrous salt) ..... p/t.
Lead, not more than ..... 2 ppm
Mercury, not more than ..... 1 ppm
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201362.1214	5 kg	4
201362.0416	25 kg	

Iron(III) Sulphate x-hydrate ~75% PA

$Fe_2(SO_4)_3.xH_2O$

M: 399,87(anh) CAS: 10028-22-5 EINECS: 233-072-9 NC: 2833 29 50

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,025 %
Chloride (Cl) ..... 0,01 %
Nitrate (NO_3) ..... 0,02 %
Cu ..... 0,005 %
Fe(II) ..... 0,1 %
K ..... 0,01 %
Na ..... 0,05 %

Order code	Package	Units/Box st.
121360.1210	500 g	6
121360.1211	1000 g	6
121360.1214	5 kg	4
121360.0416	25 kg	

Iron(III) Sulphate x-hydrate ~75% PRS

$Fe_2(SO_4)_3.xH_2O$

M: 399,87(anh) CAS: 10028-22-5 EINECS: 233-072-9 NC: 2833 29 50

SPECIFICATIONS:

Chloride (Cl) ..... 0,03 %
Nitrate (NO_3) ..... 0,05 %
Cu ..... 0,01 %
Fe(II) ..... 0,1 %

Order code	Package	Units/Box st.
141360.1210	500 g	6
141360.1211	1000 g	6
141360.1214	5 kg	4
141360.0416	25 kg	

Iron(II) Sulphide cylinders PRS

for producing Hydrogen Sulphide
FeS

M: 87,91 CAS: 1317-37-9 EINECS: 215-268-6 NC: 2830 90 11

SPECIFICATIONS:

Sulphide (as S) ..... 29 %

Order code	Package	Units/Box st.
141363.1209	250 g	6
141363.1211	1000 g	6
141363.1214	5 kg	6
141363.0416	25 kg	

Iron Sulphide natural powder PRS

FeS_2

M: 119,97 CAS: 12068-85-8 EINECS: 215-268-6 NC: 2830 90 11

SPECIFICATIONS:

Assay (as Fe) ..... 44,5 %

Order code	Package	Units/Box st.
146226.1209	250 g	6
146226.1211	1000 g	6
146226.1214	5 kg	6
146226.0416	25 kg	

Isatin (Reag. Ph. Eur.) PA

mercaptan reagent, tiophens and Copper(I) ions
$C_6H_4NHCOCO$

M: 147,14 CAS: 91-56-5 EINECS: 202-077-8 NC: 2933 79 00

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 201-204°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3OH ..... 0,05 %
Residue on ignition (as SO_4) ..... 0,1 %

Order code	Package	Units/Box st.
121371.1609	250 g	6

Isatin, 98% PS

$C_6H_4NHCOCO$

M: 147,14 CAS: 91-56-5 EINECS: 202-077-8 NC: 2933 79 00

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 201-204°C

Order code	Package	Units/Box st.
151371.1608	100 g	6
151371.1610	500 g	6

Isoamyl Acetate PA

$CH_3COOC_5H_{11}$

M: 130,19 CAS: 123-92-2 EINECS: 204-662-3 NC: 2915 39 30 UN: 1104
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,870-0,873

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,005 %
Di-Isoamyl Ether (G.C.) ..... 0,2 %
3-Methyl-1-Butanol (G.C.) ..... 0,3 %
1-Pentyl Acetate (G.C.) ..... 0,5 %
Acidity (as CH_3COOH) ..... 0,01 %
Water (H_2O) ..... 0,1 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
121372.1611	1000 ml	6

Isoamyl Acetate PRS

$CH_3COOC_5H_{11}$

M: 130,19 CAS: 123-92-2 EINECS: 204-662-3 NC: 2915 39 30 UN: 1104
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,870-0,873
Non-volatile matter ..... 0,01 %
3-Methyl-1-Butanol (G.C.) ..... 1 %
Acidity (as CH_3COOH) ..... 0,1 %
Water (H_2O) ..... 0,3 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141372.1611	1000 ml	6
141372.1612	2,5 l	4
141372.1214	5 l	4
141372.0716	25 l	

Isoamyl Acetate, 98% PS

$CH_3COOC_5H_{11}$

M: 130,19 CAS: 123-92-2 EINECS: 204-662-3 NC: 2915 39 30 UN: 1104
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151372.1608	100 ml	6
151372.1610	500 ml	6

Isoamyl Alcohol

(see 3-Methyl-1-Butanol)

Isoamyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS

$NO_2C_5H_{11}$

M: 117,15 CAS: 110-46-3 EINECS: 203-770-8 NC: 2920 90 85 UN: 1113
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H302

1l~0,875kg 1kg~1,143l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.
Density at 20/4 0,870-0,880

Order code	Package	Units/Box st.
15A816.2210	500 ml	6

1,3-Isobenzofurandione

(see Phthalic Anhydride)

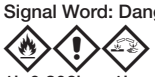
1-Isobenzofuranone

(see Phthalide)

Isobutanol (UV-IR-HPLC) PAI

$(CH_3)_2CHCH_2OH$

M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H335-H315-H318-H336

1l~0,802kg 1kg~1,247l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Density at 20/4 0,801-0,802

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,1 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	230	250	270-400
A (AU)	1,000	0,824	0,187	0,027	0,009
T (%)	10	15	65	94	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 3,9
Eluotropic value ε°(Al_2O_3) 0,7
P' + 0,25 E 8,3
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361089.1611	1000 ml	6

Isobutanol (Reag. Ph. Eur.) PA-ACS

$(CH_3)_2CHCH_2OH$

M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H335-H315-H318-H336

SPECIFICATIONS:

1l~0,802kg 1kg~1,247l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,801-0,802
Refractive index n ^{15}/D 1,397-1,399
Distillation range (>96% dist.) ..... 107-109°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
Butanal (G.C.) ..... 0,01 %
Isobutanal (G.C.) ..... 0,05 %
Butanone (G.C.) ..... 0,02 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0005 meq/g
Peroxides (as H_2O_2) ..... 0,001 %
Water (H_2O) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,5
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131089.1611	1000 ml	6
131089.1612	2,5 l	4
131089.1214	5 l	4
131089.0716	25 l	

Isobutanol PRS

$(CH_3)_2CHCH_2OH$

M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H335-H315-H318-H336

1l~0,802kg 1kg~1,247l

SPECIFICATIONS:

Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,801-0,802
Non-volatile matter ..... 0,01 %
Isobutanal (G.C.) ..... 0,05 %
Acidity ..... 0,002 meq/g
Water (H_2O) ..... 0,5 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141089.1211	1000 ml	6
141089.1212	2,5 l	4
141089.1214	5 l	4
141089.0716	25 l	
141089.0718	60 l	

Isobutanol (F.C.C.) ADITIO

$(CH_3)_2CHCH_2OH$

M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H335-H315-H318-H336

1l~0,802kg 1kg~1,247l

SPECIFICATIONS:

Assay (G.C.), not less than ..... 98,0 %
IR ..... p/t.
Specific gravity 0,799-0,801
Acidity value, not more than 2,0
Refractive index 1,392-1,397
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201089.1214	5 l	4

Isobutanol, 99% PS

$(CH_3)_2CHCH_2OH$

M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H226-H335-H315-H318-H336

1l~0,802kg 1kg~1,247l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,801-0,802
Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161089.1211	1000 ml	6
161089.1212	2,5 l	4
161089.1714	5 l	4
161089.0616	25 l	

Isobutyl Acetate (Reag. USP) PA

$CH_3COOC_4H_9$

M: 116,16 CAS: 110-19-0 EINECS: 203-745-1 NC: 2915 39 80 UN: 1213
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066

1l~0,873kg 1kg~1,145l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/20 0,863-0,868
Refractive index n ^{20}/D 1,3900-1,3920

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,001 %
Isobutanol (G.C.) ..... 0,3 %
Butanal (G.C.) ..... 0,03 %
Isobutanal (G.C.) ..... 0,05 %
n-Butyl Acetate (G.C.) ..... 0,3 %
Acidity (as CH_3COOH) ..... 0,005 %
Carbonyl compounds (as C_3H_7CHO) ..... 0,1 %
Water (H_2O) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
121373.1611	1000 ml	6
121373.1214	5 l	4

Isobutyl Acetate, 99% PS

$CH_3COOC_4H_9$

M: 116,16 CAS: 110-19-0 EINECS: 203-745-1 NC: 2915 39 80 UN: 1213
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH066

1l~0,873kg 1kg~1,145l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,870-0,875
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161373.1611	1000 ml	6
161373.1214	5 l	4

Isobutyl Alcohol

(see Isobutanol)

Isobutyl Bromide

(see 1-Bromo-2-Methylpropane)

Isobutylmethylketone

(see 4-Methyl-2-Pentanone)

Isobutyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS

$C_4H_9NO_2$

M: 103,12 CAS: 542-56-3 EINECS: 208-819-7 NC: 2920 90 85 UN: 2351
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H302-H350-H341

1l~0,869kg 1kg~1,151l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.
Density at 20/4 0,867-0,871

Order code	Package	Units/Box st.
15A817.1608	100 ml	6
15A817.0816	25 l	

Isodulcit

(see L(+)-Rhamnose 1-hydrate)

Isohexane (UV-IR-HPLC) PAI

C_6H_{14}

M: 86,18 CAS: 64742-49-0 EINECS: 265-151-9 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H304

1l~0,651kg 1kg~1,535l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers) ..... 98 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell. Ref.: water)

λ (nm)	195 (Cut off)	210	220	245-400
A (AU)	1,000	0,222	0,097	0,009
T (%)	10	60	80	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 0,1
Eluotropic value ε°(Al_2O_3) 0,01
Sol. H_2O in solv. at 20°C 0,01
P' + 0,25 E 0,5
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
365261.1611	1000 ml	6

Isohexane PA

C_6H_{14}

M: 86,18 CAS: 64742-49-0 EINECS: 265-151-9 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H304

1l~0,651kg 1kg~1,535l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers) ..... 95,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
n-Hexane ..... 20 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as S) ..... 0,005 %
Acidity ..... 0,0003 meq/g
Water (H_2O) ..... 0,01 %
Thiophene ..... p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pt	0,1
Al	0,5	Ge	0,05	S	0,2
As	0,5	Hg	0,05	Sb	0,02
Au	0,1	In	0,05	Si	0,2
B	0,02	K	0,1	Sn	0,1
Ba	0,1	Li	0,05	Sr	0,2
Be	0,02	Mg	0,1	Ti	0,02
Bi	0,05	Mn	0,02	Tl	0,02
Ca	0,5	Mo	0,02	V	0,02
Cd	0,05	Na	0,5	Zn	0,1
Co	0,02	Ni	0,02	Zr	0,02
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		

Order code	Package	Units/Box st.
125261.1611	1000 ml	6
125261.1612	2,5 l	4

Isohexane, 95% PS

C_6H_{14}

M: 86,18 CAS: 64742-49-0 EINECS: 265-151-9 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H304

1l~0,651kg 1kg~1,535l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers) ..... 95 %
Identity ..... IR p/t.
Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,01 %

Order code	Package	Units/Box st.
165261.1611	1000 ml	6
165261.1612	2,5 l	4

L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{13}NO_2$

M: 131,17 CAS: 73-32-5 EINECS: 200-798-2 NC: 2922 42 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. ..... 98,5-101,0 %
Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{25}/D$ c=4 (in HCl) ..... +38,9 to +41,8°
Specific rotation $[\alpha]^{20}/D$ c=4 (in HCl) calc. a.d.s. ..... +40,0 to +43,0°
pH of 1% solution 5,5-7,0
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,3 %
Residue on ignition (as SO_4) ..... 0,1 %
Organic volatile impurities ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
Fe ..... 0,001 %

Order code	Package	Units/Box st.
142880.1208	100 g	6
142880.1211	1000 g	6

L-Isoleucine (F.C.C.) ADITIO

$C_6H_{13}NO_2$

M: 131,17 CAS: 73-32-5 EINECS: 200-798-2 NC: 2922 42 00

SPECIFICATIONS:

Assay (as $C_5H_{13}NO_2$) calc. a.d.s ..... 98,5-101,5 %
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,3 %
Residue on ignition, not more than ..... 0,2 %
Specific rotation $[\alpha]^{20}/D$ calc. a.d.s ..... +38,6 to +41,5°
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202880.1208	100 g	6
202880.1211	1 kg	6

L-Isoleucine, 99% PS

$C_6H_{13}NO_2$

M: 131,17 CAS: 73-32-5 EINECS: 200-798-2 NC: 2922 42 00

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152880.1606	25 g	6
152880.1608	100 g	6

Isooctane (UV-IR-HPLC) PAI-ACS

C_8H_{18}

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,69kg 1kg~1,44l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5%
Density at 25/4 ..... ≤0,690

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
Sulphur compounds (as S) ..... 0,005 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	220	235	245-400
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 0,1
Eluotropic value E°(Al_2O_3) 0,01
Sol. H_2O in solv. at 20°C 0,011
P' + 0,25 E 0,1
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
362064.1611	1000 ml	6
362064.1612	2,5 l	4

Isooctane (PAR) PAI

C_8H_{18}

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,69kg 1kg~1,44l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 25/4 ..... ≤0,690

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0003 meq/g
Water (H_2O) ..... 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) ..... p/t.

Order code	Package	Units/Box st.
322064.1611	1000 ml	6
322064.1612	2,5 l	4

Isooctane dry (max. 0,005% water) DS-ACS

C_8H_{18}

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,69kg 1kg~1,44l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 25/4	≤0,690

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as S)	0,005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,02
Al	0,5	Fe	0,1	P	0,2
As	0,05	Ga	0,02	Pb	0,1
Au	0,05	Ge	0,05	Pt	0,02
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	In	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
				Zr	0,02

Order code	Package	Units/Box st.
482064.1611	1000 ml	6

Isooctane (Reag. Ph. Eur.) PA-ACS

C_8H_{18}

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,69kg 1kg~1,44l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/20	0,691-0,696
Refractive index n 20/D	1,391-1,393
Distillation range (>95% dist.)	98-100°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as S)	0,005 %
Acidity	0,0003 meq/g
Water (H_2O)	0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	Sb	0,02
Au	0,05	Hg	0,05	Si	0,2
B	0,02	In	0,05	Sn	0,1
Ba	0,1	K	0,1	Sr	0,2
Be	0,02	Li	0,05	Ti	0,02
Bi	0,05	Mg	0,1	Tl	0,02
Ca	0,5	Mn	0,02	V	0,02
Cd	0,05	Mo	0,02	Zn	0,1
Co	0,02	Na	0,5	Zr	0,02
Cr	0,02	Ni	0,02		
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
132064.1611	1000 ml	6
132064.1612	2,5 l	4
132064.0314	5 l	4
132064.0316	25 l	

Isooctane PRS

C_8H_{18}

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,69kg 1kg~1,44l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 25/4	≤0,690
Non-volatile matter	0,005 %
Acidity	0,001 meq/g
Water (H_2O)	0,05 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142064.1611	1000 ml	6
142064.1612	2,5 l	4
142064.0314	5 l	4
142064.0616	25 l	

Isooctane, 99% PS

C_8H_{18}

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,69kg 1kg~1,44l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 25/4	≤0,690
Non-volatile matter	0,001 %
Water (H_2O)	0,02 %

Order code	Package	Units/Box st.
162064.1611	1000 ml	6
162064.0314	5 l	4

Isooctane (ASTM) RE

C_8H_{18}

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l~0,69kg 1kg~1,44l

SPECIFICATIONS:

Minimum assay (G.C.)	99,75 %
n-Heptane	0,10 %
Pb	0,002 g/USgal

Order code	Package	Units/Box st.
172064.1611	1000 ml	6
172064.0314	5 l	4

Isooctyl Alcohol

(see 2-Ethyl-1-Hexanol)

Isoparaffin G PA

CAS: 90622-57-4 EINECS: 292-459-0 NC: 2710 19 85 UN: 3295
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H226-H304

1l~0,751kg 1kg~1,331l

SPECIFICATIONS:

Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,005 %
Sulphur compounds (as S) ..... 0,001 %
Aromatic compounds (UV) (as C_6H_6) ..... 0,05 %
Water (H_2O) ..... 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Ga	0,02	S	0,2
Al	0,5	Ge	0,05	Sb	0,02
As	0,05	Hg	0,1	Si	0,2
Au	0,05	In	0,05	Sn	0,1
B	0,02	K	0,1	Sr	0,2
Ba	0,1	Li	0,05	Ti	0,02
Be	0,02	Mg	0,1	Tl	0,02
Bi	0,05	Mn	0,02	V	0,02
Ca	0,5	Mo	0,02	Zn	0,1
Cd	0,05	Na	0,5	Zr	0,02
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		
Fe	0,1	Pt	0,02		

Microfiltered product (0,2 µm)

Order code	Package	Units/Box st.
125273.1611	1000 ml	6
125273.1612	2,5 l	4

Isoparaffin H (Substitute of Xylene) DC

CAS: 90622-57-4 EINECS: 292-459-0 NC: 2712 20 90 UN: 3295
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H304

1l~0,765kg 1kg~1,307l

SPECIFICATIONS:

Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Non-Volatile matter ..... 0,005 %
Sulphur compounds (as S) ..... 0,001 %
Aromatic compounds (UV)(as C_6H_6) ..... 0,05 %
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
255069.2711	1000 ml	6
255069.2714	5 l	4

Isopentane (UV-IR-HPLC) PAI

C_5H_{12}

M: 72,15 CAS: 78-78-4 EINECS: 201-142-8 NC: 2901 10 00 UN: 1265
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger


H224-H304-EUH066-H336-H411

1l~0,620kg 1kg~1,613l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Density at 20/4 0,618-0,622

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter ..... 0,0003 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	210	215	240-400
A (AU)	0,301	0,097	0,046	0,009
T (%)	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	2

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 0,0
Eluotropic value E°(Al_2O_3) 0,00
Sol. H_2O in solv. at 20°C 0,01
P' + 0,25 E 0,5
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363501.1611	1000 ml	6

Isopentane PA

C_5H_{12}

M: 72,15 CAS: 78-78-4 EINECS: 201-142-8 NC: 2901 10 00 UN: 1265
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger


H224-H304-EUH066-H336-H411

1l~0,620kg 1kg~1,613l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,618-0,622

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
n-Pentane (G.C.) ..... 0,5 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as S) ..... 0,002 %
Acidity ..... 0,0005 meq/g
Water (H_2O) ..... 0,01 %
Thiophene ..... p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Mg	0,1	Sb	0,02
Al	0,5	Ga	0,02	Si	0,2
As	0,05	Ge	0,05	Sn	0,1
Au	0,05	Hg	0,05	Sr	0,2
B	0,02	In	0,05	Ti	0,02
Ba	0,1	K	0,1	Tl	0,02
Be	0,02	Li	0,05	V	0,02
Bi	0,05	Mn	0,02	Zn	0,1
Ca	0,5	Mo	0,02	Zr	0,02
Cd	0,05	Na	0,5		
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		
Fe	0,1	Pt	0,02		

Order code	Package	Units/Box st.
123501.1611	1000 ml	6

Isopentane PRS

C_5H_{12}

M: 72,15 CAS: 78-78-4 EINECS: 201-142-8 NC: 2901 10 00 UN: 1265
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger


H224-H304-EUH066-H336-H411

1l~0,620kg 1kg~1,613l

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,618-0,622
Non-volatile matter ..... 0,005 %
n-Pentane (G.C.) ..... 1 %
Sulphur compounds (as S) ..... 0,005 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,02 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
143501.1611	1000 ml	6

Isopentyl Acetate

(see Isoamyl Acetate)

Isopentyl Alcohol

(see 3-Methyl-1-Butanol)

Isopentyl Nitrite

(see Isoamyl Nitrite)

Isopropanol

(see 2-Propanol)

(R)-4-Isopropenyl-1-Methyl Cyclohexene

(see D(+)-Limonene)

Isopropyl Acetate PA

$CH_3COOC_3H_7$

M: 102,13 CAS: 108-21-4 EINECS: 203-561-1 NC: 2915 39 10 UN: 1220
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,869-0,873

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,002 %
2-Propanol (G.C.)	0,05 %
1-Propyl Acetate (G.C.)	0,1 %
Acidity (as CH_3COOH)	0,01 %
Water (H_2O)	0,05 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121374.1611	1000 ml	6

Isopropyl Acetate PRS

$CH_3COOC_3H_7$

M: 102,13 CAS: 108-21-4 EINECS: 203-561-1 NC: 2915 39 10 UN: 1220
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,869-0,873
Non-volatile matter	0,01 %
2-Propanol (G.C.)	0,1 %
1-Propyl Acetate (G.C.)	0,2 %
Acidity (as CH_3COOH)	0,03 %
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141374.1611	1000 ml	6
141374.1612	2,5 l	4
141374.1214	5 l	4
141374.0716	25 l	

Isopropyl Acetate, 99% PS

$CH_3COOC_3H_7$

M: 102,13 CAS: 108-21-4 EINECS: 203-561-1 NC: 2915 39 10 UN: 1220
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,869-0,873
Non-volatile matter	0,002 %
Acidity (as CH_3COOH)	0,01 %
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161374.1211	1000 ml	6
161374.1212	2,5 l	4
161374.1714	5 l	4
161374.0616	25 l	

Isopropyl Alcohol

(see 2-Propanol)

Isopropyl Bromide

(see 2-Bromopropane)

Isopropyl Ether

(see Di-Isopropyl Ether)

Isopropyl Hexadecanoate

(see Isopropyl Palmitate)

1-Isopropyl-4-Methyl-1,4-Cyclohexadiene

(see γ-Terpinene)

(1R,2S,5R)-(-)-2-Isopropyl-5-Methylcyclohexanol

(see L(-)-Menthol)

2-Isopropyl-5-Methylphenol

(see Thymol)

5-Isopropyl-2-Methylphenol, 97% PS

$C_{10}H_{14}O$

M: 150,22 CAS: 499-75-2 EINECS: 207-889-6 NC: 2907 19 90 UN: 2810
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Warning



H332-H312-H302

1l~0,976kg 1kg~1,025l

SPECIFICATIONS:

Minimum assay (G.C.)	97 %
Identity	IR p/t.
Density at 20/4	0,973-0,979

Order code	Package	Units/Box st.
15A654.1607	50 ml	6
15A654.1609	250 ml	6

Isopropyl Myristate, 98% PS

$C_{17}H_{34}O_2$

M: 270,46 CAS: 110-27-0 EINECS: 203-751-4 NC: 2915 90 80
1l~0,853kg 1kg~1,172l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Density at 20/4	0,852-0,854

Order code	Package	Units/Box st.
163712.1610	500 ml	6
163712.1611	1000 ml	6

Isopropyl Palmitate, 90% PS

$C_{19}H_{38}O_2$

M: 298,51 CAS: 142-91-6 EINECS: 205-571-1 NC: 2915 70 20
Signal Word: Warning



H319-H315

1l~0,852kg 1kg~1,174l

SPECIFICATIONS:

Minimum assay	90 %

Order code	Package	Units/Box st.
15A511.1609	250 ml	6
15A511.1611	1000 ml	6
15A511.1612	2,5 l	4

Isothymol

(see 5-Isopropyl-2-Methylphenol)

Kalignost ®-registered trade-mark of Heyl co. Berlin's

(see Sodium tetra-Phenylborate)

Kaolin

(see Aluminium Silicate)

Karl Fischer's Reagent

(see AQUAMETRIC)

Karl Fischer's Reagent Composite RV

for water determination. 1 ml corresponds to min. 0,005 g of H_2O
NC: 3822 00 00 UN: 2929
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H360FD-H225-H332-H312-H302-H411

1l~1,130kg 1kg~0,885l

SPECIFICATIONS:

1 ml of Reagent corresponds to minimum 5 mg of water

Order code	Package	Units/Box st.
281574.1611	1000 ml	6
281574.1612	2,5 l	4

Karl Fischer's Reagent Solution A RV

(Methanol-Pyridine-Sulphur(IV) Oxyde) for water determination

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,941kg 1kg~1,063l

SPECIFICATIONS:

0,5 ml of Solution A mixed with 0,5 ml of Solution B correspond to 0,003 g of H_2O

Order code	Package	Units/Box st.
282420.1611	1000 ml	6
282420.1612	2,5 l	4

Karl Fischer's Reagent Solution B RV

(Methanol-Iodine) for water determination

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,908kg 1kg~1,101l

SPECIFICATIONS:

0,5 ml of Solution A mixed with 0,5 ml of Solution B correspond to minimum 0,003 g of H_2O

Order code	Package	Units/Box st.
282421.1611	1000 ml	6
282421.1612	2,5 l	4

Kerosene

(see Petroleum Ether 190-250°C)

α-Ketoglutaric Acid

(see 2-Oxoglutaric Acid)

Kieselgur

(see Siliceous Earth purified and calcined)

Kit for Fast Staining in Haematology (Fast Panoptic) DC

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

Comprised of:

253998 Blue for fast staining (Panoptic No. 3).....(1x500 ml)
253999 Eosin for fast staining (Panoptic No. 2).....(1x500 ml)
254101 Fixing for fast staining (Panoptic No. 1).....(1x500 ml)

Order code	Package	Units/Box st.
254807.0922	pack	6

Kit for HPLC Linearity Verification RS

for verification of the absorbance linearity in UV-VIS detectors

NC: 3822 00 00 UN: 1192

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H331-H311-H301-H370

Comprised of:

2 x 1 ml of Blank (Methanol)
3 x 1 ml of Propylparaben 5,0 mg/l in methanol
3 x 1 ml of Propylparaben 10,0 mg/l in methanol
3 x 1 ml of Propylparaben 15,0 mg/l in methanol
3 x 1 ml of Propylparaben 20,0 mg/l in methanol
3 x 1 ml of Propylparaben 25,0 mg/l in methanol
3 x 1 ml of Propylparaben 30,0 mg/l in methanol

Order code	Package	Units/Box st.
395138.0922	pack	6

Kit for Staining Gram-Hucker DC

NC: 3822 00 00 UN: 3316

IMDG: 9/III ADR: 9/III IATA: 9/- PAX: 915 CAO: 915

Signal Word: Danger



H225-H319-EUH066-H336-H412

Comprised of:

251803 Alcohol-Acetone 7:3 (2x250 ml)
251774 Lugol's Liquor (1x250 ml)
252531 Safranine O solution according to Gram-Hucker (1x250 ml)
252532 Crystal Violet Oxalate solution according to Gram-Hucker (1x250 ml)

Order code	Package	Units/Box st.
254884.0922	pack	6

KJELDAHL CATALYSTS

Kjeldahl Catalyst (Cu) (0,3% in $CuSO_4.5H_2O$) tablets RE

(Potassium Sulphate + Copper(II) Sulphate)

NC: 3822 00 00

H412

Composition:

Potassium Sulphate ..... 99,7 %
Copper(II) Sulphate 5-hydrate ..... 0,3 %

Order code	Package	Units/Box st.	
173350.1213	3,5 kg	4	(3)
173350.1214	5 kg	4	(6)

Kjeldahl Catalyst (Cu) (6,25% in $CuSO_4.5H_2O$) tablets RE

according to Directive 93/28/EEC (Potassium Sulphate + Copper(II) Sulphate)

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Potassium Sulphate ..... 93,75 %
Copper(II) Sulphate 5-hydrate ..... 6,25 %

Order code	Package	Units/Box st.	
174428.1246	4 kg	4	(5)

Kjeldahl Catalyst (Cu) (9% in $CuSO_4.5H_2O$) tablets RE

(Potassium Sulphate + Copper(II) Sulphate).For N determination

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Potassium Sulphate ..... 91 %
Copper(II) Sulphate 5-hydrate ..... 9 %

Order code	Package	Units/Box st.	
175639.12111	1650 g	6	(2)
175639.1214	5 kg	4	(6)

Kjeldahl Catalyst (Cu-Se) powder RE

(Potassium Sulphate + Copper(II) Sulphate + Selenium). For N determination according to Wieninger

NC: 3822 00 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H373-H412

Composition:

Potassium Sulphate ..... 96,5 %
Copper(II) Sulphate 5-hydrate ..... 1,5 %
Selenium ..... 2 %

Order code	Package	Units/Box st.
172429.1211	1000 g	6
172429.1214	5 kg	4

Kjeldahl Catalyst (Cu-Se) (1,5% $CuSO_4.5H_2O$ + 2% Se) tablets RE

(Potassium Sulphate + Copper(II) Sulphate + Selenium). For N determination according to Wieninger

NC: 3822 00 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H373-H412

Composition:

Potassium Sulphate ..... 96,5 %
Copper(II) Sulphate 5-hydrate ..... 1,5 %
Selenium ..... 2 %

Order code	Package	Units/Box st.	
172926.1211	1000 g	6	(1)
172926.1213	3,5 kg	4	(3)
172926.1214	5 kg	4	(6)

(1) 1000 tablets of 1,0 g
(2) 1000 tablets of 1,65 g
(3) 1000 tablets of 3,5 g
(4) 1000 tablets of 3,71 g
(5) 1000 tablets of 4 g
(6) 1000 tablets of 5,0 g

Kjeldahl Catalyst (Cu-Se) (9% $CuSO_4.5H_2O$ + 0,9% Se) tablets RE

(Potassium Sulphate + Selenium metal + Copper(II) Sulphate 5-hydrate). For soil analysis

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Copper(II) Sulphate 5-hydrate ..... 9 %
Potassium Sulphate ..... 90 %
Selenium metal ..... 0,9 %

Order code	Package	Units/Box st.	
175570.1246	4 kg	4	(5)

Kjeldahl Catalyst (Cu-TiO_2) tablets RE

(Potassium Sulphate + Sodium Sulphate + Copper(II) Sulphate 5-hydrate + Titanium(IV) Oxide)

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Sodium Sulphate ..... 47,17 %
Potassium Sulphate ..... 47,17 %
Copper(II) Sulphate 5-hydrate ..... 2,83 %
Titanium(IV) Oxide ..... 2,83 %

Order code	Package	Units/Box st.	
173349.1296	3,71 kg	4	(4)

Kjeldahl Catalyst (Hg) tablets RE

(Potassium Sulphate + Mercury(II) Oxide yellow)

NC: 3822 00 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H330-H310-H300-H373-H411

Composition:

Potassium Sulphate ..... 95,24 %
Mercury(II) Oxide, yellow ..... 4,76 %

Order code	Package	Units/Box st.	
173347.1213	3,5 kg	4	(3)
173347.1214	5 kg	4	(6)

Kjeldahl Catalyst (Se) tablets RE

(Potassium Sulphate + Selenium)

NC: 3822 00 00

Composition:

Potassium Sulphate ..... 99,9 %
Selenium ..... 0,1 %

Order code	Package	Units/Box st.	
173348.1213	3,5 kg	4	(3)
173348.1214	5 kg	4	(6)

Kojic Acid, 98% PS

$C_6H_6O_4$

M: 142,11 CAS: 501-30-4 EINECS: 207-922-4 NC: 2932 99 85

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A571.1604	5 g	6
15A571.1606	25 g	6

Kovacs' Reagent DC

for detection of indole

NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H225-H302-H335-H315-H318-H336

1l~0,924kg 1kg~1,082l

Composition:

4-(Dimethylamino) benzaldehyde ..... 50 g
Hydrochloric Acid 37% ..... 250 ml
1-Butanol ..... 750 ml

Order code	Package	Units/Box st.
252908.1608	100 ml	6

Kupferron

(see Cupferron)

(1) 1000 tablets of 1,0 g
(2) 1000 tablets of 1,65 g
(3) 1000 tablets of 3,5 g
(4) 1000 tablets of 3,71 g
(5) 1000 tablets of 4 g
(6) 1000 tablets of 5,0 g

L(+)-Lactic Acid PA

$C_3H_6O_3$

M: 90,08 CAS: 79-33-4 EINECS: 201-196-2 NC: 2918 11 00

Signal Word: Warning



H319-H315

1l~1,20kg 1kg~0,83l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 85,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,02 %
Darkened substances by H_2SO_4 ..... p/t.
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00001 %
Cu ..... 0,0005 %
Fe ..... 0,0002 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
121034.1211	1000 ml	6
121034.1214	5 l	4
121034.0716	25 l	
121034.0718	60 l	

L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

$C_3H_6O_3$

M: 90,08 CAS: 79-33-4 EINECS: 201-196-2 NC: 2918 11 00

Signal Word: Warning



H319-H315

1l~1,20kg 1kg~0,83l

SPECIFICATIONS:

Assay ($C_3H_6O_3$) ..... 88,0-92,0 %
Minimum assay (as S-enantiomer) ..... 95,0 % of $C_3H_6O_3$
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 1,20-1,21

MAXIMUM LIMIT OF IMPURITIES

Appearance ..... p/t.
Ether-insoluble substances ..... p/t.
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Sugars and other reducing substances ..... p/t.
Citric, oxalic and phosphoric acids ..... p/t.
Volatile fatty acids ..... p/t.
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,02 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141034.1211	1000 ml	6
141034.1214	5 l	4
141034.0716	25 l	
141034.0718	60 l	

L(+)-Lactic Acid (F.C.C.) ADITIO

$C_3H_6O_3$

M: 90,08 CAS: 79-33-4 EINECS: 201-196-2 NC: 2918 11 00

Signal Word: Warning



H319-H315

1l~1,20kg 1kg~0,83l

SPECIFICATIONS:

Assay (as $C_3H_6O_3$), not less than ..... 85,0 %
Arsenic (as As), not more than ..... 3 ppm
Chloride, not more than ..... 0,02 %
Sulphate, not more than ..... 0,05 %
Citric, Oxalic, Phosphoric, or Tartaric Acids ..... p/t.
Cyanide, not more than ..... 5 ppm
Iron, not more than ..... 10 ppm
Residue on ignition, not more than ..... 0,1 %
Sugars and other reducing substances ..... p/t.
Heavy metals (as Pb), not more than ..... 10 ppm
Lead, not more than ..... 0,5 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201034.1214	5 l	4
201034.0716	25 l	

Lactophenol DC

for microscopy, bacteriology

NC: 3822 00 00 UN: 2927

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H311-H301-H314

1l~1,172kg 1kg~0,853l

Composition:

Phenol ..... 22,7 g
L(+)-Lactic Acid ..... 18,8 ml
Water ..... 22,7 ml
Glycerol ..... 35,8 ml

Order code	Package	Units/Box st.
251837.1608	100 ml	6

Lactophenol Blue solution DC

for microscopy, bacteriology

NC: 3822 00 00 UN: 2927

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H311-H301-H314

1l~1,172kg 1kg~0,853l

Composition:

Methyl Blue ..... 50 mg
Phenol ..... 25 g
L(+)-Lactic Acid ..... 20,8 ml
Glycerol ..... 39,5 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
253724.1608	100 ml	6

Lactose 1-hydrate (Reag. USP) PA-ACS

$C_{12}H_{22}O_{11}.H_2O$

M: 360,32 CAS: 10039-26-6 EINECS: 200-559-2 NC: 1702 19 00

SPECIFICATIONS:

Minimum assay ..... 99,0 %
Identity ..... IR p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in H_2O) calc. a.a.s ..... +54,4 to +55,9°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,03 %
Glucose ..... p/t.
Saccharose ..... p/t.
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Water (H_2O) ..... 4,0-6,0 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,002 %
Mn ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,00005 %
Zn ..... 0,0005 %

Product obtained from animal milk with collection in the same conditions that the milk obtained for human consumption.

Order code	Package	Units/Box st.
131375.1210	500 g	6

Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_{12}H_{22}O_{11}.H_2O$

M: 360,32 CAS: 10039-26-6 EINECS: 200-559-2 NC: 1702 19 00

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in H_2O) calc. a.a.s ..... +54,4 to+55,9°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 80°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t
ABS at λ400 nm sol. 10% in H_2O 0,04
ABS of λ270 to 300 nm sol. 1% in H_2O 0,07
ABS of λ210 to 220 nm sol. 1% in H_2O 0,25
Acidity or alkalinity ..... p/t.
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,02 %
Water (H_2O) ..... 4,5-5,5 %
Heavy metals (as Pb) ..... 0,0005 %
Microbial limits:
Total aerobic microbial count (TAMC) ..... 100 cfu/g
Yeasts and molds ..... 50 cfu/g
Escherichia coli ..... absence
Salmonella ..... absence
As ..... 0,0001 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Ni ..... 0,0005 %

Product obtained from animal milk with collection in the same conditions that the milk obtained for human consumption.
Complies USP Specifications

Order code	Package	Units/Box st.
141375.1210	500 g	6
141375.1211	1000 g	6
141375.0914	5 kg	
141375.0416	25 kg	

Lactose 1-hydrate (F.C.C.) ADITIO

$C_{12}H_{22}O_{11}.H_2O$

M: 360,32 CAS: 10039-26-6 EINECS: 200-559-2 NC: 1702 19 00

SPECIFICATIONS:

Assay calc. a.a.s. 98,0-100,5%
pH of 10% solution 4,5-7,5
Arsenic (as As), not more than ..... 0,5 ppm
Lead, not more than ..... 0,5 ppm
Loss on drying ..... 4,5-5,5 %
Residue on ignition, not more than ..... 0,3 %
Microbial limit:
Escherichia coli ..... absence
Salmonella ..... absence

Specifications F.C.C. 6
Product obtained from animal milk with collection in the same conditions that the milk obtained for human consumption.

Order code	Package	Units/Box st.
201375.0914	5 kg	
201375.0416	25 kg	

LANTHANUM SOLUTIONS

(see Standards for ICP)

Lanthanum(III) Chloride 7-hydrate PA-ACS

$LaCl_3.7H_2O$

M: 371,37 CAS: 10025-84-0 EINECS: 233-237-5 NC: 2846 90 00

SPECIFICATIONS:

Assay (as $LaCl_3$) ..... 64,5 - 70,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Ca ..... 0,001 %
Cu ..... 0,0003 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,0001 %
Na ..... 0,005 %
Pb ..... 0,0005 %
Zn ..... 0,0001 %

Order code	Package	Units/Box st.
132848.1208	100 g	6

Lanthanum(III) Chloride 7-hydrate PA

$LaCl_3.7H_2O$

M: 371,37 CAS: 10025-84-0 EINECS: 233-237-5 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay (Compl.) ..... 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Ca ..... 0,005 %
Cu ..... 0,0003 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,0003 %
Na ..... 0,01 %
Pb ..... 0,0005 %
Zn ..... 0,0001 %

Order code	Package	Units/Box st.
122848.1208	100 g (P)	6
122848.1209	250 g (P)	6

Lanthanum Chloride/Cesium Chloride Buffer Solution

(see Buffer Solution Cesium Chloride/Lanthanum Chloride)

Lanthanum(III) Nitrate 6-hydrate PA

$La(NO_3)_3.6H_2O$

M: 433,02 CAS: 10277-43-7 EINECS: 233-238-0 NC: 2846 90 00 UN: 1477
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,002 %
Ca ..... 0,005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,0005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
122669.1208	100 g (P)	6
122669.1209	250 g (P)	6

Lanthanum(III) Oxide (Reag. Ph. Eur.) PA

Flux. For AA-spectrophotometry

La_2O_3

M: 325,81 CAS: 1312-81-8 EINECS: 215-200-5 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay (Compl.) (a.i.s.) ..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl) ..... 0,005 %
Al ..... 0,001 %
Ca ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0003 %
Fe ..... 0,0003 %
K ..... 0,005 %
Mg ..... 0,0003 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0003 %
Pb ..... 0,0005 %
Sr ..... 0,001 %
Zn ..... 0,0003 %

Order code	Package	Units/Box st.
122705.1607	50 g	6
122705.1609	250 g	6

Lanthanum(III) Oxide PRS

La_2O_3

M: 325,81 CAS: 1312-81-8 EINECS: 215-200-5 NC: 2846 90 00

SPECIFICATIONS:

Assay (Compl.) (a.i.s.) ..... 98 %
Insoluble matter in HNO_3 ..... 0,025 %
Chloride (Cl) ..... 0,01 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
142705.1208	100 g (P)	6
142705.1209	250 g (P)	6

Lauric Acid, 99% PS

$CH_3(CH_2)_{10}COOH$

M: 200,32 CAS: 143-07-7 EINECS: 205-582-1 NC: 2915 90 10

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 43-45°C

Order code	Package	Units/Box st.
162368.1210	500 g (P)	6

Lauric Acid Methyl Ester

(see Methyl Laurate)

Lauryl Alcohol

(see 1-Dodecanol)

Laurylsulphate Sodium Salt

(see Sodium Dodecyl Sulphate)

Lauth's Violet

(see Thionin)

Lead, 98% metal, granules PS

Pb

M: 207,19 CAS: 7439-92-1 EINECS: 231-100-4 NC: 7804 20 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay ..... 98 %
Insoluble matter in HNO_3 ..... 0,05 %

Order code	Package	Units/Box st.
165684.1209	250 g (P)	6
165684.1211	1000 g (P)	6

Lead metal, powder PRS

Pb

M: 207,19 CAS: 7439-92-1 EINECS: 231-100-4 NC: 7804 20 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Insoluble matter in HNO_3 ..... 0,01 %
Cu ..... 0,005 %
Fe ..... 0,001 %
Ni ..... 0,005 %
Zn ..... 0,005 %

Order code	Package	Units/Box st.
143162.1209	250 g (P)	6
143162.1211	1000 g (P)	6

LEAD SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Lead(II) Acetate 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$Pb(CH_3COO)_2.3H_2O$

M: 379,33 CAS: 6080-56-4 EINECS: 206-104-4 NC: 2915 29 00 UN: 1616
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H373-H373-H410

SPECIFICATIONS:

Minimum (Compl.) ..... 99,5-103,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COOH ..... 0,005 %
Chloride (Cl) ..... 0,0005 %
Nitrate and Nitrite (as NO_3) ..... 0,002 %
Ca ..... 0,005 %
Cd ..... 0,001 %
Co ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... 0,005 %
Mg ..... 0,005 %
Na ..... 0,01 %
Ni ..... 0,001 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
131466.1210	500 g (P)	6
131466.1211	1000 g (P)	6
131466.1214	5 kg (P)	4
131466.0416	25 kg (PP)	

Lead(II) Acetate 3-hydrate PRS

$Pb(CH_3COO)_2.3H_2O$

M: 379,33 CAS: 6080-56-4 EINECS: 206-104-4 NC: 2915 29 00 UN: 1616
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H373-H373-H410

SPECIFICATIONS:

Assay (Compl.) ..... 99 %
Insoluble matter in CH_3COOH ..... 0,025 %
Chloride (Cl) ..... 0,005 %
Cu ..... 0,003 %
Fe ..... 0,003 %

Order code	Package	Units/Box st.
141466.1210	500 g	6
141466.1211	1000 g	6
141466.1214	5 kg	4
141466.0416	25 kg	

Lead(II) Acetate Basic

(see Lead(II) Hydroxide Acetate)

Lead(II) Carbonate Basic

(see Lead(II) Hydroxide Carbonate)

Lead(II) Chloride PA

$PbCl_2$

M: 278,12 CAS: 7758-95-4 EINECS: 231-845-5 NC: 2827 39 85 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Nitrate (NO_3) ..... 0,01 %
Fe ..... 0,001 %
K ..... 0,05 %
Na ..... 0,05 %

Order code	Package	Units/Box st.
121470.1210	500 g	6
121470.1214	5 kg	6
121470.0416	25 kg	

Lead(II) Chloride PRS

$PbCl_2$

M: 278,12 CAS: 7758-95-4 EINECS: 231-845-5 NC: 2827 39 85 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Nitrate (NO_3) ..... 0,01 %
Fe ..... 0,005 %

Order code	Package	Units/Box st.
141470.1210	500 g	6
141470.1214	5 kg	6
141470.0416	25 kg	

Lead(II) Chloride, 99% PS

$PbCl_2$

M: 278,12 CAS: 7758-95-4 EINECS: 231-845-5 NC: 2827 39 85 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum (Compl.) ..... 99 %

Order code	Package	Units/Box st.
151470.1209	250 g	6
151470.1211	1000 g	6

Lead(II) Chromate PA

$PbCrO_4$

M: 323,18 CAS: 7758-97-6 EINECS: 231-846-0 NC: 2841 50 00 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H360Df-H373-H410

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Soluble matter ..... 0,3 %
Nitrate (NO_3) ..... 0,01 %

Order code	Package	Units/Box st.
121471.1210	500 g	6

Lead Dioxide

(see Lead(IV) Oxide)

Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H373-H351-H373-H410

CE: 082-007-00-9

SPECIFICATIONS:

Minimum assay (as Pb) (Compl.) ..... 72,0 %
Minimum basic lead (as PbO) ..... 33,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 1,0 %
Insoluble matter in CH_3COOH ..... 0,02 %
Loss on drying at 105°C ..... 1,5 %
Chloride (Cl) ..... 0,003 %
Nitrate and nitrite (as NO_3) ..... 0,003 %
Ca ..... 0,01 %
Cu ..... 0,002 %
Fe ..... 0,002 %
K ..... 0,02 %
Na ..... 0,05 %

Order code	Package	Units/Box st.
131467.1211	1000 g	6
131467.1214	5 kg	4
131467.0416	25 kg	

Lead(II) Hydroxideacetate PA

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H373-H351-H373-H410

SPECIFICATIONS:

Minimum assay (as Pb)(Compl.) ..... 72,0 %
Minimum basic lead (as PbO) ..... 33,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 1,0 %
Insoluble matter in CH_3COOH ..... 0,02 %
Loss on drying at 105°C ..... 1,5 %
Chloride (Cl) ..... 0,01 %
Nitrate and nitrite (as NO_3) ..... 0,003 %
Ca ..... 0,005 %
Cd ..... 0,001 %
Co ..... 0,001 %
Cu ..... 0,002 %
Fe ..... 0,002 %
K ..... 0,02 %
Mg ..... 0,005 %
Na ..... 0,05 %
Ni ..... 0,001 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
121467.1210	500 g	6
121467.1211	1000 g	6
121467.1214	5 kg	4
121467.0416	25 kg	

LEAD(II) HYDROXIDEACETATE SOLUTIONS

Lead(II) Hydroxideacetate solution PRS

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H360Df-H373-H351-H373-H410

1l~1,200kg 1kg~0,833l

SPECIFICATIONS:

Assay (as PbO)(Compl.) p/v ..... 20-25 %
Density at 20/4 1,20-1,25

Order code	Package	Units/Box st.
141477.1211	1000 ml	6
141477.1214	5 l	4
141477.0716	25 l	

Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H360Df-H373-H351-H373-H410

1l~1,240kg 1kg~0,806l

SPECIFICATIONS:

Assay (as Pb) (w/v)	22 %
Density at 20/4	1,23-1,25

Order code	Package	Units/Box st.
125731.1211	1000 ml	6

Lead(II) Hydroxide Carbonate PA-ACS

EINECS: 215-290-6 NC: 2836 99 17 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (as Pb) (Compl.)	77-80 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COOH dil	0,02 %
Chloride (Cl)	0,002 %
Nitrate and nitrite (as NO_3)	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag	50	Fe	50	Na	500
Bi	50	Ga	20	Ni	50
Ca	100	Ge	20	Sr	50
Cd	20	In	20	V	20
Co	50	K	200	Zn	30
Cr	50	Mg	50	Zr	20
Cu	50	Mn	50		

Order code	Package	Units/Box st.
131469.1209	250 g	6
131469.1211	1000 g	6

Lead(II) Hydroxide Carbonate PRS

EINECS: 215-290-6 NC: 2836 99 17 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (as Pb)(Compl.)	77-80 %
Chloride (Cl)	0,01 %
Nitrate (NO_3)	0,01 %
Fe	0,005 %
Zn	0,05 %

141469.1210	500 g	6
141469.1211	1000 g	6
141469.1214	5 kg	4
141469.0416	25 kg	

Lead Monoxide

(see Lead(II) Oxide)

Lead(II) Nitrate (Reag. Ph. Eur.) PA-ACS

$Pb(NO_3)_2$

M: 331,20 CAS: 10099-74-8 EINECS: 233-245-9 NC: 2834 29 20 UN: 1469
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cr	5	Mo	5
Al	5	Cu	5	Na	20
As	5	Fe	5	Ni	5
Au	5	Ga	5	Pt	5
B	5	Ge	5	Sb	5
Be	5	Hg	5	Si	5
Bi	5	In	5	Sn	5
Ca	50	K	20	Sr	5
Cd	5	Li	5	Ti	5
Co	5	Mn	5	Zn	5
				Zr	5

Order code	Package	Units/Box st.
131473.1210	500 g	6
131473.1211	1000 g	6
131473.1214	5 kg	4
131473.0416	25 kg	

Lead(II) Nitrate PRS

$Pb(NO_3)_2$

M: 331,20 CAS: 10099-74-8 EINECS: 233-245-9 NC: 2834 29 20 UN: 1469
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Ca	0,05 %
Cu	0,002 %
Fe	0,002 %

Order code	Package	Units/Box st.
141473.1210	500 g	6
141473.1211	1000 g	6
141473.1214	5 kg	4
141473.0416	25 kg	

Lead (II,IV) Oxide

(see Lead tetra-Oxide)

Lead(II) Oxide (DAC) PRS-CODEX

PbO

M: 223,20 CAS: 1317-36-8 EINECS: 215-267-0 NC: 2824 10 00 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Compl.)	99,0 - 100,5%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COOH dil.	0,2 %
Loss on ignition at 700°C	0,2 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,05 %
Nitrate (NO_3)	0,05 %
Cu	0,005 %
Fe	0,005 %

Order code	Package	Units/Box st.
141475.1210	500 g	6
141475.1211	1000 g	6
141475.1214	5 kg	6
141475.0416	25 kg	

Lead(IV) Oxide PRS

PbO_2

M: 239,19 CAS: 1309-60-0 EINECS: 215-174-5 NC: 2824 90 90 UN: 1872
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Iodom.)	95 %
Insoluble matter in HNO_3	0,1 %
Chloride (Cl)	0,1 %
Sulphate (SO_4)	0,05 %
Cu	0,02 %
Mn	0,002 %
Ni	0,02 %

Order code	Package	Units/Box st.
141468.1210	500 g	6
141468.1214	5 kg	6
141468.0416	25 kg	

Lead tetra-Oxide PA

Pb_3O_4

M: 685,57 CAS: 1314-41-6 EINECS: 215-235-6 NC: 2824 90 10 UN: 3087
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay (as Pb_3O_4)	97,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO_3	0,05 %
Soluble matter in H_2O	0,2 %
Ca	0,01 %
Cu	0,005 %
Fe	0,005 %
K	0,01 %
Mg	0,01 %
Mn	0,001 %
Na	0,01 %
Zn	0,005 %

Order code	Package	Units/Box st.
121476.1209	250 g	6
121476.1211	1000 g	6

Lead Oxide red
(see Lead tetra-Oxide)

Lead Subacetate
(see Lead(II) Hydroxideacetate)

Lead(II) Sulphate PA
$PbSO_4$

M: 303,25 CAS: 7446-14-2 EINECS: 231-198-9 NC: 2833 29 60 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410 CE: 082-001-00-6

SPECIFICATIONS:
Minimum assay (Compl.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3COONH_4 ..... 0,05 %
Loss on ignition ..... 0,5 %
Chloride (Cl) ..... 0,002 %
Nitrate (NO_3) ..... p/t.
Fe ..... 0,002 %
K ..... 0,05 %
Na ..... 0,1 %

Order code	Package	Units/Box st.
121478.1210	500 g	6

Lead(II) Sulphate PRS
$PbSO_4$

M: 303,25 CAS: 7446-14-2 EINECS: 231-198-9 NC: 2833 29 60 UN: 2291
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:
Assay (Compl.) ..... 98 %
Insoluble matter in CH_3COONH_4 ..... 0,1 %
Chloride (Cl) ..... 0,01 %
Fe ..... 0,005 %

Order code	Package	Units/Box st.
141478.1210	500 g	6
141478.1214	5 kg	4

Leishman Solution
(see Eosin-Methylene Blue solution according to Leishman)

Leishman Stain
(see Eosin-Methylene Blue dye according to Leishman)

L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX
$C_6H_{13}NO_2$

M: 131,18 CAS: 61-90-5 EINECS: 200-522-0 NC: 2922 49 95
SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=4 (in HCl 6 mol/l)
(calc. a.d.s.) ..... +14,9 to +16,5°
pH of 1% solution 5,5-7,0

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in HCl 1 mol/l ..... p/t.
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142046.1206	25 g	6
142046.1208	100 g	6

L-Leucine (F.C.C.) ADITIO
$C_6H_{13}NO_2$

M: 131,18 CAS: 61-90-5 EINECS: 200-522-0 NC: 2922 49 95
SPECIFICATIONS:
Assay (as $C_6H_{14}N_4O_2$) calc. a.d.s 98,5-101,5%
Appearance ..... p/t
Identity:
IR spectrum ..... p/t.
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,2 %
Residue on ignition, not more than ..... 0,1 %
Specific rotation $[\alpha]^{20}$/D calc. a.d.s. ..... +14,5 to+16,5°
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
202046.1208	100 g	6

L-Leucine, 99% PS
$C_6H_{13}NO_2$

M: 131,18 CAS: 61-90-5 EINECS: 200-522-0 NC: 2922 49 95
SPECIFICATIONS:
Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152046.1608	100 g	6
152046.1610	500 g	6

D-Levulose
(see D(-)-Fructose)

Light Green solution 0,1% DC
for microscopy, animal tissue staining
$C_{37}H_{34}N_2Na_2O_9S_3$

M: 792,84 CAS: 5141-20-8 NC: 3204 12 00
1l~0,997kg 1kg~1,003l
Composition:
Light Green SF yellowish ..... 0,1 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
253524.1210	500 ml	6

Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX
CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85
1l~0,845kg 1kg~1,183l
SPECIFICATIONS:
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 0,810-0,875
Density at 25/25 0,818-0,880
Dynamic viscosity at 19,9-20,1°C ..... 25 - 80 mPas
Kinematic viscosity at 40°C ..... < 33,5 cSt

MAXIMUM LIMIT OF IMPURITIES
Darkened substances by H_2SO_4 ..... p/t.
Polycyclic aromatic hydrocarbons ..... p/t.
Solid Paraffin ..... p/t.
Acidity or alkalinity ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
146257.1211	1000 ml	6
146257.1212	2,5 l	4
146257.0716	25 l	
146257.0718	60 l	

Ligroin
(see Petroleum Ether)

Lime Water saturated solution RE
$Ca(OH)_2$

M: 74,09 CAS: 1305-62-0 NC: 2825 90 19
1l~1,005kg 1kg~0,995l
Composition:
Calcium Hydroxide ..... 0,5 g
Water ..... 100 ml

Order code	Package	Units/Box st.
171073.1210	500 ml	6

D(+)-Limonene (F.C.C.) ADITIO

$C_{10}H_{16}$

M: 136,24 CAS: 5989-27-5 EINECS: 227-813-5 NC: 2902 19 10 UN: 2052
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H315-H317-H410

1l~0,842kg 1kg~1,187l

SPECIFICATIONS:
Assay (G.C.), not less than ..... 93,0 %
Specific rotation $[\alpha]^{25}/D$ ..... +96 to +104°
IR ..... p/t.
Peroxide value, not more than 5,0
Specific gravity 0,838-0,843
Refractive index 1,471-1,474
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203385.1214	5 l (P)	4

D(+)-Limonene, 95% PS

$C_{10}H_{16}$

M: 136,24 CAS: 5989-27-5 EINECS: 227-813-5 NC: 2902 19 10 UN: 2052
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H315-H317-H410

1l~0,842kg 1kg~1,187l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.
Density at 20/4 0,841-0,843
Specific rotation $[\alpha]^{20}/D$ (without dil.) ..... +113 to +120°
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
163385.1608	100 ml	6
163385.1610	500 ml	6
163385.1214	5 l (P)	4
163385.0716	25 l (P)	

(±)-Linalool, 95% PS

$C_{10}H_{18}O$

M: 154,25 CAS: 78-70-6 EINECS: 201-134-4 NC: 2905 22 10
1l~0,861kg 1kg~1,161l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.
Density at 20/4 0,860-0,862

Order code	Package	Units/Box st.
15A584.1608	100 ml	6
15A584.1609	250 ml	6
15A584.1610	500 ml	6

Linalyl Acetate, 95% PS

$C_{12}H_{20}O_2$

M: 196,29 CAS: 115-95-7 EINECS: 204-116-4 NC: 2915 39 80
Signal Word: Warning


H319-H335-H315

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A818.1609	250 ml	6

Lindlar catalyst

(see Palladium 5% on Calcium Carbonate)

Linoleic Acid CG

$C_{18}H_{32}O_2$

M.= 280,45 CAS [60-33-3] NC: 2916 15 00 RTECS: RF9990000
1l~0,903kg 1kg~1,107l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
353710.1903	1 ml	6

Liquid Paraffin

(see Vaseline Oil, Light liquid Paraffin)

Lissamine Green B (C.I. 44090) DC

for microscopy, plasma staining
$C_{27}H_{25}N_2NaO_7S_2$

M: 576,63 CAS: 3087-16-9 EINECS: 221-409-2 NC: 3204 12 00

SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 634-637 nm
A 1%, 1cm, λmax ..... >1200
Ratio λmax P ± 15 nm 0,95-1,10
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 5 %

Order code	Package	Units/Box st.
253987.1606	25 g	6

Litharge

(see Lead(II) Oxide)

Lithium metal, pieces in Argon atmosphere PRS

Li

M: 6,94 CAS: 7439-93-2 EINECS: 231-102-5 NC: 2805 19 90 UN: 1415
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger


EUH014-H260-H314

SPECIFICATIONS:
Assay (Acidim.) ..... 99 %

Order code	Package	Units/Box st.
142003.1608	100 g	6

Lithium, 99% metal, granulated ~2,5 mm diameter in Argon atmosphere PS

Li

M: 6,94 CAS: 7439-93-2 EINECS: 231-102-5 NC: 2805 19 90 UN: 1415
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger


EUH014-H260-H314

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 99 %

Order code	Package	Units/Box st.
15A820.1606	25 g	6

Lithium, 99% metal, sticks 1 cm diam. in vaseline oil PS

Li

M: 6,94 CAS: 7439-93-2 EINECS: 231-102-5 NC: 2805 19 90 UN: 1415
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger


EUH014-H260-H314

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 99 %

Order code	Package	Units/Box st.
163966.1606	25 g	6
163966.1608	100 g	6

LITHIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Lithium Aluminium Hydride, 95% in Argon atmosphere PS

H_4AlLi

M: 37,95 CAS: 16853-85-3 EINECS: 240-877-9 NC: 2850 00 20 UN: 1410
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger


H260-H314

SPECIFICATIONS:
Minimum assay ..... 95 %

Order code	Package	Units/Box st.
15A821.1605	10 g	6
15A821.1606	25 g	6
15A821.1608	100 g	6

Lithium Aluminium Hydride, 95% tablets in Argon atmosphere PS

H_4AlLi

M: 37,95 CAS: 16853-85-3 EINECS: 240-877-9 NC: 2850 00 20 UN: 1410
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



H260-H314

SPECIFICATIONS:
Minimum assay ..... 95 %

Order code	Package	Units/Box st.
15A822.1605	10 g	6
15A822.1606	25 g	6
15A822.1608	100 g	6

Lithium Amide, 94% PS

$LiNH_2$

M: 22,96 CAS: 7782-89-0 EINECS: 231-968-4 NC: 2850 00 20 UN: 1390
IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 418
Signal Word: Danger



H225-EUH014-H314

SPECIFICATIONS:
Minimum assay ..... 94 %

Order code	Package	Units/Box st.
15A823.1606	25 g	6
15A823.1608	100 g	6

Lithium meta-Borate anhydrous PA

flux
$LiBO_2$

M: 49,75 CAS: 13453-69-5 EINECS: 236-631-5 NC: 2840 20 90
SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Loss on melting ..... 2,0 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,005 %
Silicate (as SiO_2) ..... 0,05 %
Sulphate (SO_4) ..... 0,01 %
Al ..... 0,002 %
As ..... 0,0002 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
K ..... 0,005 %
Mg ..... 0,01 %
Mn ..... 0,0004 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,002 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
123205.1208	100 g	6
123205.1210	500 g	6

di-Lithium tetra-Borate PA

flux
$Li_2B_4O_7$

M: 169,12 CAS: 12007-60-2 EINECS: 234-514-3 NC: 2840 20 90
SPECIFICATIONS:
Minimum assay (Acidim.)..... 98,0 %
MAXIMUM LIMIT OF IMPURITIES
Loss on melting ..... 2,0 %
Chloride (Cl) ..... 0,005 %
Fluoride (F) ..... 0,002 %
Phosphate (PO_4) ..... 0,05 %
Silicate (as SiO_2) ..... 0,01 %
Sulphate (SO_4) ..... 0,02 %
Al ..... 0,005 %
As ..... 0,0002 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,001 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
K ..... 0,005 %
Mg ..... 0,002 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,002 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
122903.1209	250 g	6
122903.1211	1000 g	6
122903.0914	5 kg	

Lithium Bromide PA

LiBr

M: 86,85 CAS: 7550-35-8 EINECS: 231-439-8 NC: 2827 59 00
SPECIFICATIONS:
Minimum assay (Arg) ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,003 %
Bromate (BrO_3) ..... p/t.
Chloride (Cl) ..... 0,2 %
Sulphate (SO_4) ..... 0,01 %
Iodide (I) ..... 0,05 %
Ba ..... 0,002 %
Ca ..... 0,005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,01 %
Mg ..... 0,002 %
Na ..... 0,05 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
122902.1209	250 g	6
122902.1214	5 kg	4

Lithium Bromide PRS

LiBr

M: 86,85 CAS: 7550-35-8 EINECS: 231-439-8 NC: 2827 59 00
SPECIFICATIONS:
Assay (Arg.)..... 98 %
Insoluble matter in H_2O ..... 0,01 %
Sulphate (SO_4) ..... 0,05 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142902.1209	250 g	6
142902.1214	5 kg	4

Lithium Carbonate (Reag. Ph. Eur.) PA-ACS

Li_2CO_3

M: 73,89 CAS: 554-13-2 EINECS: 209-062-5 NC: 2836 91 00
Signal Word: Warning



H302

SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in HCl ..... 0,01 %
Sulphur compounds (as SO_4) ..... 0,2 %
Chloride (Cl) ..... 0,005 %
Nitrate (NO_3) ..... 0,0005 %
Ammonium (NH_4) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,002 %
Ca ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,002 %
K ..... 0,01 %
Mg ..... 0,01 %
Na ..... 0,1 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
131391.1209	250 g	6
131391.1210	500 g	6
131391.0914	5 kg	

Lithium Carbonate PRS

Li_2CO_3

M: 73,89 CAS: 554-13-2 EINECS: 209-062-5 NC: 2836 91 00
Signal Word: Warning



H302

SPECIFICATIONS:
Assay (Acidim.)..... 98 %
Insoluble matter in HCl ..... 0,05 %
Sulphur compounds (as SO_4) ..... 0,3 %
Chloride (Cl) ..... 0,05 %
Nitrate (NO_3) ..... 0,005 %
Ammonium (NH_4) ..... 0,005 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141391.1209	250 g	6
141391.1210	500 g	6
141391.0914	5 kg	

Lithium Chloride (Reag. USP, Ph. Eur.) PA-ACS

LiCl

M: 42,39 CAS: 7447-41-8 EINECS: 231-212-3 NC: 2827 39 85

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Loss on drying at 105°C ..... 1,0 %
Alkalinity ..... 0,008 meq/g
Sulphate (SO_4) ..... 0,01 %
Heavy metals (as Pb) ..... 0,002 %

Metals by ICP [mg/Kg (ppm)]

Ba 30
Ca 50
Fe 10
K 50
Na 2000

Order code	Package	Units/Box st.
131392.1209	250 g	6
131392.1210	500 g	6
131392.1214	5 kg	4

Lithium Chloride PRS

LiCl

M: 42,39 CAS: 7447-41-8 EINECS: 231-212-3 NC: 2827 39 85

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Arg.) ..... 98 %
Insoluble matter in H_2O ..... 0,05 %
Nitrogen compounds (as N) ..... 0,005 %
Phosphate (PO_4) ..... 0,003 %
Sulphate (SO_4) ..... 0,05 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141392.1209	250 g	6
141392.1210	500 g	6
141392.1214	5 kg	

LITHIUM CHLORIDE SOLUTIONS

Lithium Chloride 1 mol/l in ethanol RV

electrolyte for non-aqueous media

LiCl

M: 42,39 CAS: 7447-41-8 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,800kg 1kg~1,250l

Composition:

Lithium Chloride ..... 4,24 g
Ethanol absolute s.q.m ..... 100 ml

Order code	Package	Units/Box st.
285250.1209	250 ml	6

Lithium Chloride 1 mol/l in glacial acetic acid RV

electrolyte for electrodes in non-aqueous media

LiCl

M: 42,39 NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314

1l~1,080kg 1kg~0,926l

Composition:

Lithium Chloride ..... 4,24 g
Acetic Acid glacial s.q.m ..... 100 ml

Order code	Package	Units/Box st.
285249.1609	250 ml	6

Lithium Fluoride PRS

LiF

M: 25,94 CAS: 7789-24-4 EINECS: 232-152-0 NC: 2826 19 90 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Assay (Gravim.) ..... 98 %
Acidity (as HF) ..... 0,02 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,02 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
142431.1210	500 g	6
142431.0914	5 kg	

Lithium Hydroxide 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS

$LiOH.H_2O$

M: 41,96 CAS: 1310-66-3 EINECS: 215-183-4 NC: 2825 20 00 UN: 2680

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Lithium Carbonate ..... 1,0 %
Chloride (Cl) ..... 0,01 %
Nitrate (NO_3) ..... 0,001 %
Sulphate (SO_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,002 %
Ca ..... 0,005 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... 0,05 %
Mg ..... 0,005 %
Na ..... 0,05 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
131928.1209	250 g	6

Lithium Hydroxide 1-hydrate (USP) PRS-CODEX

$LiOH.H_2O$

M: 41,96 CAS: 1310-66-3 EINECS: 215-183-4 NC: 2825 20 00 UN: 2680

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s. 98,0-102,0%
Lithium (calc. a.a.s.) 28,4- 29,1%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Loss on drying at 135°C 41,0- 43,5%
Residual solvents (Ph.Eur./USP) ..... p/t
Carbonate (as CO_2) ..... 0,7 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0005 %
Ca ..... 0,20 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141928.1209	250 g	6
141928.1210	500 g	6
141928.1214	5 kg	4

Lithium Nitrate PRS

$LiNO_3$

M: 68,94 CAS: 7790-69-4 EINECS: 232-218-9 NC: 2834 29 80 UN: 2722
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger


H272

SPECIFICATIONS:

Assay	98 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,01 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,05 %
Ammonium (NH_4)	0,01 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
142432.1209	250 g P	6
142432.1210	500 g P	6
142432.1214	5 kg P	4

Lithium Perchlorate 3-hydrate PA

$LiClO_4.3H_2O$

M: 160,44 CAS: 13453-78-6 EINECS: 232-237-2 NC: 2829 90 10 UN: 1481
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger


H271-H302-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Arg.)	98,0 %
pH of 5% solution	5,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,003 %
Sulphate (SO_4)	0,001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122788.1209	250 g P	6
122788.0914	5 kg PP	

Lithium Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS

$Li_2SO_4.H_2O$

M: 127,95 CAS: 10102-25-7 EINECS: 233-820-4 NC: 2833 29 90

SPECIFICATIONS:

Minimum assay (a.d.s.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 150°C	13,0-15,0 %
Chloride (Cl)	0,002 %
Nitrate (NO_3)	0,001 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,001 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
K	0,05 %
Mg	0,01 %
Na	0,05 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131393.1209	250 g P	6

Lithium Sulphate 1-hydrate PRS

$Li_2SO_4.H_2O$

M: 127,95 CAS: 10102-25-7 EINECS: 233-820-4 NC: 2833 29 90

SPECIFICATIONS:

Insoluble matter in H_2O	0,05 %
Loss on drying at 150°C	13,0-15,0 %
Chloride (Cl)	0,005 %
Nitrate (NO_3)	0,005 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141393.1209	250 g P	6
141393.1210	500 g P	6
141393.1214	5 kg P	4

Litmus soluble PA

pH indicator 4,5 red; 8,3 blue

CAS: 1393-92-6 EINECS: 215-739-6 NC: 3203 00 10

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS at pH 8,0	580-585 nm
A 1%, 1cm, λ max. c.a.d.s	>450

MAXIMUM LIMIT OF IMPURITIES

Sensitivity as pH indicator	p/t.
Loss on drying at 135°C	7 %

Order code	Package	Units/Box st.
121747.1604	5 g	6
121747.1606	25 g	6

Litmus soluble RE

pH indicator 4,5 red 8,3 blue

CAS: 1393-92-6 EINECS: 215-739-6 NC: 3203 00 10

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in H_2O	580-590 nm
A 1%, 1cm, λmax	>30

MAXIMUM LIMIT OF IMPURITIES

Sensitivity as pH indicator	p/t.
Loss on drying at 135°C	7 %

Order code	Package	Units/Box st.
171747.1606	25 g	6

Litmus stain RV

pH indicator 4,5 red; 8,3 blue

CAS: 1393-92-6 EINECS: 215-739-6 NC: 3203 00 10

1l~1,001kg 1kg~0,999l

Composition:

Litmus soluble	0,7 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
281748.1208	100 ml P	6

Luff-Schoorl's Reagent RE

for determination of sugar in meats

NC: 3822 00 00
H412
1l~1,157kg 1kg~0,864l

Composition:

Sodium Carbonate anhydrous	14,36 g
Citric Acid anhydrous	5,47 g
Copper(II) Sulphate 5-hydrate	2,6 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
172174.1211	1000 ml P	6

Lugol

(see Lugol's Liquor)

Lugol's Iodine Iodized solution

(see Lugol's Liquor)

Lugol's Liquor DC

for microscopy, bacterium staining according to Gram (see also Kit for Staining Gram-Hucker)

NC: 3822 00 00
H412
1l~1,008kg 1kg~0,992l

Composition:

Potassium Iodide	0,66 g
Iodine	0,4 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
251774.1608	100 ml	6
251774.1609	250 ml	6
251774.1611	1000 ml	6

LUTETIUM SOLUTIONS

(see Standards for ICP)

2,6-Lutidine

(see 2,6-Dimethylpyridine)

L-Lysine 1-hydrate, 98% PS

$C_6H_{14}N_2O_2.H_2O$

M: 164,20 CAS: 39665-12-8 EINECS: 200-294-2 NC: 2922 41 00

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A390.1606	25 g	6
15A390.1608	100 g	6

L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{14}N_2O_2.HCl$

M: 182,65 CAS: 657-27-2 EINECS: 211-519-9 NC: 2922 41 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.	98,5-101,0 %
Assay (as Cl) (Arg.)	19,0-19,5 %
Identity according to Pharmacopoeias	p/t.
Specific rotation $[\alpha]^{20}$/D c=8 (in HCl) calc. a.d.s.	+21,0 to +22,5°
Specific rotation $[\alpha]^{25}$/D c=8 (in HCl) calc. a.d.s.	+20,4 to +21,4°
T.L.C.	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying at 105°C	0,4 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t.
Ammonium (NH_4)	0,02 %
Sulphate (SO_4)	0,03 %
Heavy metals (as Pb)	0,001 %
Fe	0,003 %

Order code	Package	Units/Box st.
144764.1208	100 g	6
144764.1211	1000 g	6

L-Lysine mono-Hydrochloride (F.C.C.) ADITIO

$C_6H_{14}N_2O_2.HCl$

M: 182,65 CAS: 657-27-2 EINECS: 211-519-9 NC: 2922 41 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.	98,5-101,5 %
Identification	IR p/t.
Lead, not more than	5 ppm
Loss on drying, not more than	1,0 %
Specific rotation $[\alpha]^{20}$/D calc. a.d.s.	+20,3 to +21,5°
Residue on ignition, not more than	0,2 %
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
204764.1208	100 g	6
204764.1211	1 kg	6

L-Lysine mono-Hydrochloride, 99% PS

$C_6H_{14}N_2O_2.HCl$

M: 182,65 CAS: 657-27-2 EINECS: 211-519-9 NC: 2922 41 00

SPECIFICATIONS:

Minimum assay	99 %

Order code	Package	Units/Box st.
154764.1608	100 g	6
154764.1610	500 g	6

Macrogol

(see Polyethylene Glycol)

Magenta I

(see Fuchsin Basic)

Mag-β-D-GlcA

(see 5-Bromo-6-Chloro-3-Indolyl-β-D-Glucuronide Cyclohexylammonium Salt)

Magnesia Mixture RE

for phosphate determination

NC: 3822 00 00

Composition:

Magnesium Chloride 6-hydrate	5 g
Ammonium Chloride	10 g
Ammonia 25%	13,6 ml
Water s.q.m	100 ml

Order code	Package	Units/Box st.
171434.1210	500 ml	6

Magnesium metal, powder PRS

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 30 00 UN: 1418

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417

Signal Word: Danger

H228-H261

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in HCl	p/t.
Fe	0,05 %
Pb	0,005 %

Order code	Package	Units/Box st.
141400.1208	100 g	6
141400.1209	250 g	6
141400.1211	1000 g	6
141400.0914	5 kg	

Magnesium metal, filings PRS

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 90 00 UN: 1869

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Danger

H228-H261

SPECIFICATIONS:

Assay (Compl.)	99 %
Insoluble matter in HCl	p/t.
Al	0,05 %
Cu	0,005 %
Fe	0,05 %
Mn	0,1 %
Ni	0,005 %
Pb	0,005 %
Si	0,1 %
Zn	0,005 %

Order code	Package	Units/Box st.
141945.1208	100 g	6
141945.1209	250 g	6
141945.1211	1000 g	6
141945.0914	5 kg	

Magnesium, 99% metal, filings PS

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 90 00 UN: 1869

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Danger

H228-H261

SPECIFICATIONS:

Assay (Compl.)	99 %

Order code	Package	Units/Box st.
151945.1208	100 g	6
151945.1210	500 g	6

Magnesium metal, ribbon QP

ribbon 3 mm x ~0,2 mm

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 90 00 UN: 1869

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Danger

H228-H261

SPECIFICATIONS:

Assay (Compl.)	99 %
Insoluble matter in HCl	p/t.
Cu	0,005 %
Fe	0,05 %
Ni	0,005 %
Pb	0,005 %
Zn	0,02 %

Order code	Package	Units/Box st.
211841.1106	25 g	6

MAGNESIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Magnesium Acetate 4-hydrate (Reag. Ph. Eur.) PA-ACS

$Mg(CH_3COO)_2.4H_2O$

M: 214,46 CAS: 16674-78-5 EINECS: 205-554-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%
pH of 5% solution	7,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,0003 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cu	5	Mo	5
Al	1	Fe	5	Na	50
Au	5	Ga	5	Ni	5
Ba	10	Ge	5	Pb	5
Ca	100	In	5	Sb	5
Cr	5	K	50	Si	5
Cd	5	Li	5	Sr	50
Co	5	Mn	10	Zn	5
				Zr	5

Order code	Package	Units/Box st.
131394.1210	500 g	6
131394.1211	1000 g	6
131394.0914	5 kg	
131394.0416	25 kg	

Magnesium Acetate 4-hydrate PRS

$Mg(CH_3COO)_2.4H_2O$

M: 214,46 CAS: 16674-78-5 EINECS: 205-554-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	7,5-8,5
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,03 %
Nitrate (NO_3)	p/t.
Sulphate (SO_4)	0,06 %
Heavy metals (as Pb)	0,004 %

Order code	Package	Units/Box st.
141394.1210	500 g	6
141394.1211	1000 g	6
141394.0914	5 kg	
141394.0416	25 kg	

Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX

$Mg(CH_3COO)_2.4H_2O$

M: 214,46 CAS: 16674-78-5 EINECS: 205-554-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	98,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	7,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,025 %
Residual solvents (Ph.Eur./USP)	p/t.
Readily oxidisable substances	p/t.
Chloride (Cl)	0,03 %
Nitrate (NO_3)	0,0003 %
Sulphate (SO_4)	0,06 %
Water (H_2O)	33,0-35,0 %
Heavy metals (as Pb)	0,004 %
Al	0,0001 %
As	0,0003 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
K	0,1 %
Na	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
191394.1211	1000 g	6
191394.0914	5 kg	
191394.0416	25 kg	

Magnesium Bromide 6-hydrate PA

$MgBr_2.6H_2O$

M: 292,22 CAS: 13446-53-2 EINECS: 232-170-9 NC: 2827 59 00

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Acidity and alkalinity	p/t.
Chloride (Cl)	0,05 %
Ammonium (NH_4)	0,002 %
As	0,0001 %
Ba	0,005 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
122433.1210	500 g	6
122433.1214	5 kg	4
122433.0416	25 kg	

Magnesium Carbonate Basic

(see Magnesium Hydroxide Carbonate 5-hydrate)

Magnesium Chloride 6-hydrate PA-ACS-ISO

$MgCl_2.6H_2O$

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.)	99,0-102,0%
pH of 5% solution	5,0-6,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,002 %
Phosphate (PO_4)	0,0005 %
Nitrate (NO_3)	0,001 %
Sulphate (SO_4)	0,002 %
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 5	Pb 5
Au 5	Ga 5	Si 5
Ba 20	Ge 5	Sr 50
Be 5	Hg 5	Ti 5
Bi 5	In 5	Tl 5
Ca 50	K 50	V 5
Cd 5	Mn 5	Zn 10
Co 5	Mo 5	Zr 5
Cr 5	Na 50	
Cu 5	Ni 5	

Order code	Package	Units/Box st.
131396.1210	500 g	6
131396.1211	1000 g	6
131396.0914	5 kg	
131396.0416	25 kg	

Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

$MgCl_2.6H_2O$

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t.
Bromide (Br)	0,05 %
Phosphate (PO_4)	0,003 %
Sulphate (SO_4)	0,01 %
Water (H_2O)	51,0-55,0 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,001 %
Al	0,0001 %
As	0,0002 %
Ca	0,1 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141396.1209	250 g	6
141396.1210	500 g	6
141396.1211	1000 g	6
141396.0914	5 kg	4
141396.0416	25 kg	

Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX

$MgCl_2.6H_2O$

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,005 %
Residual solvents (Ph.Eur./USP)	p/t.
Acidity or alkalinity	p/t.
Bromide (Br)	0,05 %
Sulphate (SO_4)	0,005 %
Water (H_2O)	51,0-55,0 %
Heavy metals (as Pb)	0,001 %
Al	0,0001 %
As	0,0002 %
Ba	p/t.
Ca	0,01 %
K	0,05 %
Fe	0,001 %

Order code	Package	Units/Box st.
191396.1211	1000 g	6
191396.0914	5 kg	
191396.0416	25 kg	

Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO

$MgCl_2.6H_2O$

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay ($MgCl_2.6H_2O$) 99,0-105,0%
Appearance ..... p/t
Identity:
Chloride ..... p/t.
Magnesium ..... p/t.
Ammonium, not more than ..... 0,005 %
Sulphate, not more than ..... 0,03 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 4 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201396.0914	5 kg PP	
201396.0416	25 kg PP	

Magnesium Chloride 6-hydrate QP

$MgCl_2.6H_2O$

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.) 98,0-104,0%
Ammonium (NH_4) ..... 0,01 %
As ..... 0,0003 %
Fe ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
211396.0914	5 kg PP	
211396.0416	25 kg PP	

Magnesium Chloride ~50% $MgCl_2$ powder QP

$MgCl_2.xH_2O$

M: 95,25(anh.) EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (as $MgCl_2$)(Compl.) ..... 50 %
Ammonium (NH_4) ..... 0,01 %
As ..... 0,0003 %
Fe ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
211794.1210	500 g P	6
211794.1211	1000 g P	6
211794.1214	5 kg P	4
211794.0416	25 kg PP	

Magnesium Citrate tri-Basic

(see tri-Magnesium di-Citrate 9-hydrate)

tri-Magnesium di-Citrate 9-hydrate PRS

$C_{12}H_{10}Mg_3O_{14}.9H_2O$

M: 613,30 CAS: 3344-18-1 EINECS: 222-093-9 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Compl.) ..... 95 %
Insoluble matter in HCl ..... 0,05 %
Chloride (Cl) ..... 0,003 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141354.1210	500 g P	6
141354.1211	1000 g P	6
141354.0914	5 kg PP	
141354.0416	25 kg PP	

Magnesium Fluoride PA

MgF_2

M: 62,30 CAS: 7783-40-6 EINECS: 231-995-1 NC: 2826 19 90

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Acidity (as HF) ..... 0,05 %
Carbonate ..... p/t.
Sulphate (SO_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,005 %
Cu ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122360.1210	500 g P	6
122360.0914	5 kg PP	

Magnesium Fluoride PRS

MgF_2

M: 62,30 CAS: 7783-40-6 EINECS: 231-995-1 NC: 2826 19 90

SPECIFICATIONS:

Sulphate (SO_4) ..... 0,1 %
Cu ..... 0,003 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
142360.1210	500 g P	6
142360.1211	1000 g P	6

Magnesium Hydrogen Phosphate 3-hydrate PRS

$MgHPO_4.3H_2O$

M: 174,34 CAS: 7782-75-4 EINECS: 231-823-5 NC: 2835 29 90

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Insoluble matter in HCl ..... 0,05 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,5 %
As ..... 0,0001 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141927.1210	500 g P	6

Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO

$MgHPO_4.3H_2O$

M: 174,34 CAS: 7782-75-4 EINECS: 231-823-5 NC: 2835 29 90

SPECIFICATIONS:

Assay (as $Mg_2P_2O_7$) a.i.s., not less than ..... 96,0 %
Appearance ..... p/t
Identity:
Phosphate ..... p/t.
Magnesium ..... p/t.
MgO content, a.a.s. ..... 33,0 %
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 10 ppm
Loss on ignition ..... 29,0-36,0 %
Lead, not more than ..... 2 ppm
Cadmium, not more than ..... 1 ppm
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201927.0416	25 kg PP	

Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX

$Mg(OH)_2$

M: 58,33 CAS: 1309-42-8 EINECS: 215-170-3 NC: 2816 10 00

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay (Compl.) 95,0-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in CH_3COOH ..... 0,1 %
Soluble substances in H_2O ..... 2,0 %
Loss on ignition at 900°C ..... 30,0-32,5 %
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride (Cl) ..... 0,1 %
Sulphate (SO_4) ..... 0,5 %
Heavy metals (as Pb) ..... 0,003 %
As ..... 0,0004 %
Ca ..... 1,5 %
Fe ..... 0,07 %

Order code	Package	Units/Box st.
141840.1211	1000 g P	6
141840.1214	5 kg P	4
141840.0416	25 kg PP	

Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO

$(MgCO_3)_4.Mg(OH)_2.5H_2O$

M: 485,62 CAS: 39409-82-0 EINECS: 235-192-7 NC: 2836 99 11

SPECIFICATIONS:

Assay (as MgO) ..... 40,0-43,5 %
Acid-insoluble substances, not more than ..... 0,05 %
Lead, not more than ..... 10 ppm
Soluble matter in H_2O, not more than ..... 1,0 %
Calcium, not more than ..... 1,0 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/EC

Order code	Package	Units/Box st.
201395.0914	5 kg PP	
201395.0416	25 kg	

Magnesium Hydroxide Carbonate 5-hydrate QP

$(MgCO_3)_4.Mg(OH)_2.5H_2O$

M: 485,62 CAS: 39409-82-0 EINECS: 235-192-7 NC: 2836 99 11

SPECIFICATIONS:

Assay (as MgO)(Compl.)	40-45 %
Insoluble matter in H_2SO_4	0,1 %
Sulphur compounds (as SO_4)	0,2 %
Chloride (Cl)	0,1 %

Order code	Package	Units/Box st.
211395.1209	250 g	6
211395.1210	500 g	6
211395.0914	5 kg	
211395.0416	25 kg	

Magnesium Molybdate 5-hydrate PRS

$MgMoO_4.5H_2O$

M: 274,33 CAS: 12013-21-7 EINECS: 234-581-9 NC: 2841 70 00

SPECIFICATIONS:

Assay (Compl.)	98 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,1 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141401.1208	100 g	6
141401.1214	5 kg	4
141401.0416	25 kg	

Magnesium Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS

$Mg(NO_3)_2.6H_2O$

M: 256,41 CAS: 13446-18-9 EINECS: 233-826-7 NC: 2834 29 80 UN: 1474

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger

H272

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%
pH of 5% solution	5,0-8,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Acidity (as HNO_3)	0,005 %
Alkalinity (as MgO)	0,001 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,0005 %
Sulphate (SO_4)	0,002 %
Ammonium (NH_4)	0,003 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cu 5	Na 50
Al 5	Fe 2	Ni 5
Ba 20	Ga 10	Pb 5
Be 5	Ge 5	Sb 5
Ca 100	K 50	Si 5
Co 5	Mn 5	Sr 20
Cr 5	Mo 5	Ti 5

Order code	Package	Units/Box st.
131402.1210	500 g	6
131402.1211	1000 g	6
131402.0914	5 kg	
131402.0416	25 kg	

Magnesium Nitrate 6-hydrate PRS

$Mg(NO_3)_2.6H_2O$

M: 256,41 CAS: 13446-18-9 EINECS: 233-826-7 NC: 2834 29 80 UN: 1474

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger

H272

SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	4,0-8,5
Insoluble matter in H_2O	0,025 %
Acidity (as HNO_3)	0,01 %
Alkalinity (as MgO)	0,005 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,01 %
As	0,0001 %
Ca	0,05 %
Cu	0,002 %
Fe	0,001 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141402.1210	500 g	6
141402.1211	1000 g	6
141402.0914	5 kg	
141402.0416	25 kg	

Magnesium Oxide light (RFE, BP, Ph. Eur.) PRS-CODEX

MgO

M: 40,30 CAS: 1309-48-4 EINECS: 215-171-9 NC: 2519 90 10

SPECIFICATIONS:

Assay (Compl.) calc. a.i.s.	98,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in CH_3COOH	0,1 %
Soluble matter in H_2O	2,0 %
Loss on ignition at 900°C	8,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,15 %
Sulphate (SO_4)	1,0 %
Heavy metals (as Pb)	0,003 %
As	0,0004 %
Ca	1,5 %
Fe	0,1 %

Order code	Package	Units/Box st.
141276.1211	1000 g	4
141276.0416	25 kg	

Magnesium Oxide (F.C.C.) ADITIO

MgO

M: 40,30 CAS: 1309-48-4 EINECS: 215-171-9 NC: 2519 90 10

SPECIFICATIONS:

Assay (MgO) after ignition	98,0-100,5 %
Acid-insoluble substances, not more than	0,1 %
Free Alkalis and soluble salts	p/t.
Calcium Oxide, not more than	1,5 %
Lead, not more than	4 ppm
Loss on Ignition, not more than	10,0 %
Arsenic, not more than	3 ppm
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
201276.0914	5 kg	
201276.0416	25 kg	

Magnesium Oxide QP

MgO

M: 40,30 CAS: 1309-48-4 EINECS: 215-171-9 NC: 2519 90 10

SPECIFICATIONS:

Assay (Compl.)	90 %
Insoluble matter in HCl	0,2 %
Sulphur compounds (as SO_4)	0,2 %
Chloride (Cl)	0,2 %

Order code	Package	Units/Box st.
211276.1209	250 g	6
211276.1210	500 g	6
211276.0914	5 kg	
211276.0416	25 kg	

Magnesium Perchlorate hydrate (desiccant) PA-ACS

$Mg(ClO_4)_2$

M: 223,21 CAS: 64010-42-0 EINECS: 233-108-3 NC: 2829 90 10 UN: 1475

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger

H271-H319-H335-H315

SPECIFICATIONS:

Suitability for moisture absorption	p/t.

MAXIMUM LIMIT OF IMPURITIES

Acidity	0,005 meq/g
Alkalinity	0,025 meq/g
Loss on drying at 190°C	8 %

Order code	Package	Units/Box st.
136064.1208	100 g	6
136064.1210	500 g	6

Magnesium Phosphate di-Basic

(see Magnesium Hydrogen Phosphate 3-hydrate)

Magnesium Phosphate tri-Basic

(see tri-Magnesium di-Phosphate 5-hydrate)

tri-Magnesium di-Phosphate 5-hydrate PRS

$Mg_3(PO_4)_2.5H_2O$

M: 352,93 CAS: 10233-87-1 EINECS: 231-824-0 NC: 2835 29 90

SPECIFICATIONS:

Assay (Compl.)	98,0 %
Insoluble matter in HCl	0,1 %
Chloride (Cl)	0,15 %
Nitrate (NO_3)	p/t.
Sulphate (SO_4)	0,5 %
As	0,0003 %
Ba	p/t.
Ca	p/t.
Cu	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141399.1209	250 g	6
141399.0914	5 kg	

tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO

$Mg_3(PO_4)_2.5H_2O$

M: 352,93 CAS: 10233-87-1 EINECS: 231-824-0 NC: 2835 29 90

SPECIFICATIONS:

Assay (as $Mg_3(PO_4)_2$) calc. on the ignited basis 98,0-101,5%
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 10 ppm
Loss on heating ..... 20,0-27,0 %
Lead, not more than ..... 2 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201399.0914	5 kg PP	
201399.0416	25 kg PP	

Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX

$Mg(C_{18}H_{35}O_2)_2$

M: 591,27 CAS: 557-04-0 EINECS: 209-150-3 NC: 2915 70 30

SPECIFICATIONS:

Assay (as Mg)(Compl.)calc. a.d.s ..... 4,0-5,0 %
Minimum assay (G.C. as methyl ester) (stearic + pamitics acids) ..... 90,0 %
Minimum assay (G.C. as methyl ester) (stearic acid) ..... 40,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 6,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Appearance of solut. of the fatty acids ..... p/t.
Acidity or alkalinity ..... p/t.
Acid value of the fatty acids 195-210
Chloride (Cl) ..... 0,1 %
Sulphate (SO_4) ..... 0,3 %
Heavy metals (as Pb) ..... 0,002 %
Total aerobic microbial count (TAMC) ..... 1000 cfu/g
Total combined yeast and mounds (TYMC) ..... 100 cfu/g
Escherichia coli ..... absence/g
Salmonella ..... absence/10 g
Cd ..... 0,0003 %
Pb ..... 0,001 %
Ni ..... 0,0005 %

Order code	Package	Units/Box st.
142029.1211	1000 g P	6

Magnesium Stearate (E-470b, F.C.C.) ADITIO

$Mg(C_{18}H_{35}O_2)_2$

M: 591,27 CAS: 557-04-0 EINECS: 209-150-3 NC: 2915 70 30

SPECIFICATIONS:

Assay (as MgO) ..... 6,8-8,3 %
Assay on anhyd. subst., not less than ..... 95 %
Free alkali (as MgO), not more than ..... 0,1 %
Unsaponifiable matter, not more than ..... 2 %
Free fat acids (as oleic ac.), not more than ..... 3 %
Heavy metals (as Pb), not more than ..... 10 ppm
Arsenic, not more than ..... 3 ppm
Cadmium, not more than ..... 1 ppm
Lead, not more than ..... 5 ppm
Mercury, not more than ..... 1 ppm
Loss on drying, not more than ..... 4,0 %
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
202029.0914	5 kg PP	
202029.0416	25 kg	

Magnesium Stearate QP

$Mg(C_{18}H_{35}O_2)_2$

M: 591,27 CAS: 557-04-0 EINECS: 209-150-3 NC: 2915 70 30

SPECIFICATIONS:

Assay (as Mg)(Compl.) ..... 3,8-5,0 %
Loss on drying at 105°C ..... 6 %

Order code	Package	Units/Box st.
212029.1210	500 g P	6
212029.1211	1000 g P	6

Magnesium Sulphate anhydrous QP

$MgSO_4$

M: 120,37 CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) ..... 96 %

Order code	Package	Units/Box st.
212486.1211	1000 g P	6
212486.1214	5 kg P	4
212486.0416	25 kg PP	

Magnesium Sulphate 7-hydrate PA-ACS

$MgSO_4.7H_2O$

M: 246,48 CAS: 10034-99-8 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%
pH of 5% solution 5,0-8,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,0005 %
Phosphate (PO_4) ..... 0,001 %
Nitrate (NO_3) ..... 0,001 %
Ammonium (NH_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cu	5	Ni	5
Al	5	Fe	5	Pb	5
Au	5	Ga	5	Sb	5
B	5	Ge	5	Se	5
Be	5	In	5	Si	5
Bi	5	K	50	Sn	5
Ca	40	Li	5	Sr	50
Cd	5	Mn	5	Ti	5
Co	5	Mo	5	Zn	5
Cr	5	Na	50	Zr	5

Order code	Package	Units/Box st.
131404.1210	500 g P	6
131404.1211	1000 g P	6
131404.0914	5 kg PP	4
131404.0416	25 kg PP	

Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$MgSO_4.7H_2O$

M: 246,48 CAS: 10034-99-8 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 5,0-9,2

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 450°C ..... 48,0-52,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity and alkalinity ..... p/t.
Chloride (Cl) ..... 0,014 %
Phosphate (PO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0002 %
Fe ..... 0,002 %
Se ..... 0,003 %

Order code	Package	Units/Box st.
141404.1210	500 g P	6
141404.1211	1000 g P	6
141404.0914	5 kg PP	4
141404.0416	25 kg PP	

Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO

$MgSO_4.7H_2O$

M: 246,48 CAS: 10034-99-8 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay ($MgSO_4$) after ignition, not less than ..... 99,5 %
Appearance ..... p/t
Identity:
Sulphate ..... p/t.
Magnesium ..... p/t.
Loss on ignition ..... 40,0-52,0 %
Selenium, not more than ..... 0,003 %
Lead, not more than ..... 4 ppm
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201404.1214	5 kg PP	
201404.0416	25 kg PP	

Magnesium Sulphate 75% extradry, powder PRS

$MgSO_4.xH_2O$

M: 120,36(anh) CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) ..... 72,0-80,0 %
Insoluble matter in H_2O ..... p/t.
Loss on drying at 450°C ..... 20-28 %
Acidity and alkalinity ..... p/t.
Chloride (Cl) ..... 0,05 %
Heavy metals (as Pb) ..... 0,0015 %
As ..... 0,0003 %
Ca ..... 0,05 %
Fe ..... 0,003 %

Order code	Package	Units/Box st.
141878.1214	5 kg P	4
141878.0416	25 kg PP	

Magnesium Sulphate 65% dry, powder (BP) PRS-CODEX

$MgSO_4.xH_2O$

M: 120,36(anh) CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) calc. a.d.s 99,0-100,5%
Appearance ..... p/t
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Loss on drying at 450°C ..... 30,0-38,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity and alkalinity ..... p/t.
Chloride (Cl) ..... 0,04 %
Heavy metals (as Pb) ..... 0,0015 %
As ..... 0,0003 %
Ca ..... 0,05 %
Fe ..... 0,003 %

Order code	Package	Units/Box st.
141673.1214	5 kg (P)	4
141673.0416	25 kg (PP)	

Magnesium Sulphate 0,1 mol/l (0,1M) SV

Indicator: Eriochrome Black T

$MgSO_4$

M: 120,37 CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

1l~1,014kg 1kg~0,986l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181405.1211	1000 ml (P)	6

Magnesium Trisilicate x-hydrate (USP) PRS-CODEX

$2MgO.3SiO_2.xH_2O$

M: 260,86(anh) CAS: 39365-87-2 EINECS: 239-076-7 NC: 2839 90 90

SPECIFICATIONS:

Minimum assay (MgO) ..... 20,0 %
Minimum assay (SiO_2) ..... 45,0 %
Ratio SiO_2-MgO 2,10-2,37
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP) ..... p/t
Acid consuming capacity ..... p/t.
Alkalinity ..... p/t.
Soluble salts ..... 1,5 %
Loss on ignition at 900°C ..... 17,0-34,0 %
Chloride (Cl) ..... 0,055 %
Sulphate (SO_4) ..... 0,5 %
Heavy metals (as Pb) ..... 0,003 %
As ..... 0,0008 %

Order code	Package	Units/Box st.
141796.1210	500 g (P)	6
141796.1211	1000 g (P)	6
141796.0914	5 kg (PP)	
141796.0416	25 kg	

Magneson I PA

Mg reagent

$C_{12}H_9N_3O_4$

M: 259,23 CAS: 74-39-5 EINECS: 200-808-5 NC: 3822 00 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,01 mol/l ..... 449-455 nm
A 1%, 1 cm, λmax ..... ≥1950
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 5 %
Sensitivity to Mg ..... p/t.

Order code	Package	Units/Box st.
122361.1605	10 g	6

Malachite Green G

(see Brilliant Green)

Malachite Oxalate Green (C.I. 42000) DC

for microscopy, cytoplasm of vegetal cells staining

$C_{52}H_{54}N_4O_{12}$

M: 927,02 CAS: 2437-29-8 EINECS: 219-441-7 NC: 3204 13 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H318-H361d-H410-H302

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 616-620 nm
A 1%, 1 cm, λmax ..... >1450
Ratio λmax. P ± 15 nm 1,00-1,15
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 7 %

Order code	Package	Units/Box st.
251761.1606	25 g	6
251761.1608	100 g	6

Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

HOOCCHCHCOOH

M: 116,07 CAS: 110-16-7 EINECS: 203-742-5 NC: 2917 19 90 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H302-H319-H335-H315-H317

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t
Fumaric Acid ..... p/t.
Water (H_2O) ..... 1,5 %
Heavy metals (as Pb) ..... 0,001 %
Fe ..... 0,0005 %

Order code	Package	Units/Box st.
141882.1210	500 g (P)	6
141882.1211	1000 g (P)	6
141882.1214	5 kg (PP)	
141882.0416	25 kg (PP)	

Maleic Acid, 99% PS

HOOCCHCHCOOH

M: 116,07 CAS: 110-16-7 EINECS: 203-742-5 NC: 2917 19 90 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H302-H319-H335-H315-H317

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151882.1209	250 g (P)	6
151882.1211	1000 g (P)	6

Maleic Anhydride, 98% PS

COCHCHCOO

M: 98,06 CAS: 108-31-6 EINECS: 203-571-6 NC: 2917 14 00 UN: 2215

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H334-H317

SPECIFICATIONS:

Minimum assay (Morpholine met.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 51-54°C

Order code	Package	Units/Box st.
15A713.1210	500 g (P)	6
15A713.1211	1000 g (P)	6
15A713.0914	5 kg (PP)	
15A713.0416	25 kg (PP)	

D(+)-Malic Acid, 99% PS

$C_4H_6O_5$

M: 134,08 CAS: 636-61-3 EINECS: 211-262-2 NC: 2918 19 85

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A914.1603	1 g	6
15A914.1604	5 g	6

DL-Malic Acid (USP-NF) PRS-CODEX

$C_4H_6O_5$

M: 134,09 CAS: 617-48-1 EINECS: 210-514-9 NC: 2918 19 85

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (Acidim.)	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
Melting range	128-131°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,1 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t
Fumaric Acid	1,0 %
Maleic Acid	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,02 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
142051.1210	500 g P	6
142051.1211	1000 g P	6
142051.0914	5 kg PP	

DL-Malic Acid (E-296, F.C.C.) ADITIO

$C_4H_6O_5$

M: 134,09 CAS: 617-48-1 EINECS: 210-514-9 NC: 2918 19 85

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (as $C_4H_6O_5$)	99,0-100,5%
Appearance	p/t
Identity:	
IR spectrum	p/t.
Malate	p/t.
Melting range	127-132°C
Specific rotation	inactive
Heavy metals (as Pb), not more than	0,001 %
Fumaric Acid, not more than	1,0 %
Maleic Acid, not more than	0,05 %
Residue on ignition, not more than	0,1 %
Insoluble matter in H_2O, not more than	0,1 %
Specific rotation	-0,10 to +0,10°
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202051.0914	5 kg PP	

DL-Malic Acid, 99% PS

$C_4H_6O_5$

M: 134,09 CAS: 617-48-1 EINECS: 210-514-9 NC: 2918 19 85

Signal Word: Warning

H319

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
152051.1209	250 g P	6
152051.1211	1000 g P	6

Malo-Lactic Kit VINIKIT

kit for checking Malo-Lactic fermentation by T.L.C.
(see Eluent for Malo-Lactic Kit)

NC: 3822 00 00 UN: 3316

IMDG: 9/III ADR: 9/III IATA: 9/- PAX: 915 CAO: 915

Signal Word: Danger

H225

Comprised of:
1 small spoon
2x100 ml of eluent
50 microplates
2x5 ml of standard solution
3 screw cap tubes
10 g of resin
1 development chamber
1 auxiliar for micropipette
50 micropipettes
1 spotting guide
3 pasteur pipettes
1 instructions sheet

Order code	Package	Units/Box st.
625079.2122	pack PEX	6

Malonamide, 99% PS

$C_3H_6N_2O_2$

M: 102,09 CAS: 108-13-4 EINECS: 203-553-8 NC: 2924 19 00

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.
Melting range	168-172,5°C

Order code	Package	Units/Box st.
15B699.1207	50 g P	6
15B699.1209	250 g P	6

Malonic Acid Diamide

(see Malonamide)

Malt Extract (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds

NC: 3504 00 00

SPECIFICATIONS:

pH of 5% solution	4,5-6,0
Loss on drying at 105°C	6 %
Residue on ignition (as SO_4)	4 %

Order code	Package	Units/Box st.
403690.1210	500 g P	6
403690.0914	5 kg PP	
403690.0416	25 kg	

Maltose 1-hydrate PRS

$C_{12}H_{22}O_{11}.H_2O$

M: 360,32 CAS: 6363-53-7 EINECS: 200-716-5 NC: 1702 90 10

SPECIFICATIONS:

Insoluble matter in H_2O	0,01 %
Residue on ignition (as SO_4)	0,05 %
Acidity (as CH_3COOH)	0,01 %
Chloride (Cl)	0,005 %
Sulphate and Sulphite (as SO_4)	0,01 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141797.1208	100 g P	6
141797.1209	250 g P	6
141797.1210	500 g P	6
141797.0914	5 kg PP	

DL-Mandelic Acid, 99% PS

$C_6H_5CH(OH)COOH$

M: 152,15 CAS: 611-72-3 EINECS: 210-277-1 NC: 2918 19 85

SPECIFICATIONS:

Minimum assay	99 %
Appearance	p/t
Melting range	118-120°C

Order code	Package	Units/Box st.
15B144.1608	100 g	6
15B144.1610	500 g	6

Manganese metal, small sheets PRS

Mn

M: 54,94 CAS: 7439-96-5 EINECS: 231-105-1 NC: 8110 90 00

Signal Word: Warning



H373

SPECIFICATIONS:

Assay	99 %
Ca	0,05 %
Cu	0,05 %
Fe	0,01 %
K	0,01 %
Mg	0,05 %
Na	0,01 %
Ni	0,005 %
Pb	0,01 %
Zn	0,1 %

Order code	Package	Units/Box st.
142977.1209	250 g P	6

MANGANESE SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Manganese(II) Acetate 4-hydrate PA

$Mn(CH_3COO)_2.4H_2O$

M: 245,09 CAS: 6156-78-1 EINECS: 211-334-3 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Ba	0,01 %
Ca	0,04 %
Cu	0,0005 %
Fe	0,001 %
K	0,01 %
Mg	0,04 %
Na	0,01 %
Ni	0,0005 %
Pb	0,001 %
Zn	0,002 %

Order code	Package	Units/Box st.
121407.1210	500 g P	6
121407.0914	5 kg PP	

Manganese(II) Acetate 4-hydrate PRS

$Mn(CH_3COO)_2.4H_2O$

M: 245,09 CAS: 6156-78-1 EINECS: 211-334-3 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	98,5 %
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Fe	0,005 %

Order code	Package	Units/Box st.
141407.1210	500 g P	6
141407.0914	5 kg PP	

Manganese(II) Carbonate x-hydrate PRS

$MnCO_3.xH_2O$

M: 114,95(anh) CAS: 598-62-9 EINECS: 209-942-9 NC: 2836 99 17

SPECIFICATIONS:

Assay (as Mn)(Compl.)	43-46 %
Insoluble matter in HNO_3+H_2O_2	0,05 %
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,5 %
Cu	0,01 %
Fe	0,01 %
Ni	0,05 %
Pb	0,01 %
Zn	0,02 %

Order code	Package	Units/Box st.
141409.1210	500 g P	6
141409.1211	1000 g P	6
141409.0914	5 kg PP	

Manganese(II) Chloride 4-hydrate PA-ACS

$MnCl_2.4H_2O$

M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
pH of 5% solution	3,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Oxidizing and reducing substances (as I)	0,0065 %
Non-precipitated substances by $S(NH_4)_2$	0,2 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Mg	0,005 %
Na	0,02 %
Ni	0,002 %
Pb	0,0005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131410.1210	500 g P	6
131410.1211	1000 g P	6
131410.1214	5 kg P	4
131410.0416	25 kg PP	

Manganese(II) Chloride 4-hydrate PRS

$MnCl_2.4H_2O$

M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)	98-102 %
pH of 5% solution	3,5-6,0
Insoluble matter in H_2O	0,025 %
Sulphate (SO_4)	0,025 %
Ca	0,1 %
Cu	0,002 %
Fe	0,003 %
Pb	0,002 %
Zn	0,02 %

Order code	Package	Units/Box st.
141410.1210	500 g P	6
141410.1211	1000 g P	6
141410.1214	5 kg P	4
141410.0416	25 kg PP	

Manganese(II) Chloride 4-hydrate (USP) CODEX

$MnCl_2.4H_2O$

M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.) calc. applied anh. subst.	98,0-101,0%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	3,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 150°C	36,0-38,5 %
Non-precipitated substances by $S(NH_4)_2$ (as SO_4)	0,2 %
Residual solvents (Ph.Eur./USP)	p/t.
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
Fe	0,0005 %
Zn	p/t.

Order code	Package	Units/Box st.
191410.1211	1000 g P	6
191410.0416	25 kg PP	

Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO

$MnCl_2.4H_2O$

M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85

Signal Word: Warning



H302

SPECIFICATIONS:

Assay ($MnCl_2.4H_2O$)	98,0-102,0%
pH of 5% solution	4,0-6,0
Substances not precipitated by $S(NH_4)_2$, not more than	0,2 %
Insoluble matter in H_2O, not more than	0,005 %
Heavy metals (as Pb), not more than	10 ppm
Iron, not more than	0,0005 %
Sulphate (SO_4), not more than	0,005 %
Lead, not more than	4 ppm

Specifications F.C.C. 6

Order code	Package	Units/Box st.
201410.0416	25 kg PP	

Manganese Dioxide

(see Manganese(IV) Oxide)

Manganese(II) Lactate 3-hydrate PRS

$C_6H_{10}MnO_6.3H_2O$

M: 287,13 CAS: 6505-50-6 NC: 2918 11 00

SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	≥5,2
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,05 %
Cu	0,005 %
Fe	0,01 %
Ni	0,005 %
Pb	0,005 %
Zn	0,1 %

Order code	Package	Units/Box st.
141412.1210	500 g P	6

Manganese(II) Nitrate 4-hydrate PA

$Mn(NO_3)_2.4H_2O$

M: 251,01 CAS: 20694-39-7 EINECS: 233-828-8 NC: 2834 29 80 UN: 2724
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

SPECIFICATIONS:

Minimum assay (Compl.)	98 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,05 %
Ca	0,005 %
Cd	0,0005 %
Cu	0,0005 %
Fe	0,001 %
K	0,01 %
Mg	0,005 %
Na	0,05 %
Ni	0,002 %
Pb	0,001 %
Zn	0,005 %

Order code	Package	Units/Box st.
123224.1210	500 g P	6
123224.1214	5 kg P	4
123224.0416	25 kg PP	

Manganese(II) Nitrate 4-hydrate PRS

$Mn(NO_3)_2.4H_2O$

M: 251,01 CAS: 20694-39-7 EINECS: 233-828-8 NC: 2834 29 80 UN: 2724
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

SPECIFICATIONS:

Assay (Compl.)	97 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,1 %
Ca	0,005 %
Cd	0,002 %
Cu	0,002 %
Fe	0,005 %
K	0,01 %
Mg	0,01 %
Na	0,01 %
Ni	0,005 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
143224.1210	500 g P	6
143224.1211	1000 g P	6
143224.1214	5 kg P	4
143224.0416	25 kg PP	

Manganese(II) Oxide PRS

MnO

M: 70,94 CAS: 1344-43-0 EINECS: 215-695-8 NC: 2820 90 90
Signal Word: Warning



H332-H312-H302-H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	99 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,005 %
Cd	0,0005 %
Cu	0,0005 %
Fe	0,01 %
K	0,01 %
Mg	0,005 %
Na	0,05 %
Ni	0,02 %
Pb	0,002 %
Zn	0,005 %

Order code	Package	Units/Box st.
144894.1211	1000 g P	6

Manganese(IV) Oxide QP

MnO_2

M: 86,94 CAS: 1313-13-9 EINECS: 215-202-6 NC: 2820 10 00 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Perm.)	60 %

Order code	Package	Units/Box st.
211408.1210	500 g P	6
211408.1211	1000 g P	6
211408.1214	5 kg P	4
211408.0416	25 kg PP	

Manganese(IV) Oxide precipitated PRS

MnO_2

M: 86,94 CAS: 1313-13-9 EINECS: 215-202-6 NC: 2820 10 00 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Perm.)	90 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,1 %

Order code	Package	Units/Box st.
142367.1208	100 g P	6
142367.1210	500 g P	6

Manganese(II) Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS

$MnSO_4.H_2O$

M: 169,01 CAS: 10034-96-5 EINECS: 232-089-9 NC: 2833 29 90 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H373-H411

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on ignition	10,0-12,0 %
Reducing substances to $KMnO_4$ (as O)	0,0005 %
Chloride (Cl)	0,005 %
Heavy metals (as Pb)	0,002 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,002 %
K	0,01 %
Mg	0,005 %
Na	0,05 %
Ni	0,02 %
Pb	0,001 %
Zn	0,005 %

Order code	Package	Units/Box st.
131413.1210	500 g P	6
131413.1211	1000 g P	6
131413.1214	5 kg P	4
131413.0416	25 kg PP	

Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX

$MnSO_4.H_2O$

M: 169,01 CAS: 10034-96-5 EINECS: 232-089-9 NC: 2833 29 80 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H373-H411

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s.	99,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Loss on ignition	10,0-12,0 %
Non-precipit. substances by $S(NH_4)_2$	0,5 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,0100 %
Heavy metals (as Pb)	0,002 %
As	0,0004 %
Cu	0,003 %
Fe	0,0010 %
Pb	0,003 %
Zn	0,0050 %

Order code	Package	Units/Box st.
141413.1210	500 g P	6
141413.1211	1000 g P	6
141413.1214	5 kg P	4
141413.0416	25 kg PP	

Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO

$MnSO_4.H_2O$

M: 169,01 CAS: 10034-96-5 EINECS: 232-089-9 NC: 2833 29 90 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H373-H411

SPECIFICATIONS:

Assay ($MnSO_4.H_2O$)	98,0-102,0%
Appearance	p/t
Identity:	
Sulphate	p/t.
Manganese	p/t.
Lead, not more than	4 ppm
Selenium, not more than	0,003 %
Loss on ignition	10,0-13,0 %
Arsenic, not more than	3 ppm

Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201413.1214	5 kg	4
201413.0416	25 kg	

Manganic

(see Manganese(IV) compounds)

Manganous

(see Manganese(II) compounds)

D-Mannite

(see D-(-)-Mannitol)

D(-)-Mannitol PA-ACS

$C_6H_{14}O_6$

M: 182,17 CAS: 69-65-8 EINECS: 200-711-8 NC: 2905 43 00

SPECIFICATIONS:

Minimum assay (G.C.)	98,0 %
Identity	IR p/t.
Melting range	165-168°C
Specific rotation $[\alpha]^{20}$/D c=10 (in $B_4O_7Na_2.10H_2O$ 13%)	+23,3 to+24,3°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,05 %
Residue on ignition (as SO_4)	0,01 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0008 meq/g
D(-)-Sorbite (G.C.)	1 %
Reducing sugars (as $C_6H_{12}O_6$)	0,05 %
Chloride (Cl)	0,0025 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ca	0,001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0001 %
Pb	0,00005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
132067.1210	500 g	6
132067.1211	1000 g	6
132067.0914	5 kg	

D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{14}O_6$

M: 182,17 CAS: 69-65-8 EINECS: 200-711-8 NC: 2905 43 00

SPECIFICATIONS:

Assay (calc. a.d.s.)	98,0-101,5%
Identity according to Pharmacopoeias	p/t.
Melting range	165-168°C
Specific rotation $[\alpha]^{20}$/D c=10 (in $B_4O_7Na_2.10H_2O$ 13%)	+23,0 to+25,0°
Specific rotation $[\alpha]^{25}$/D c=1 (in $(NH_4)_6Mo_7O_{24}.4H_2O$ 4%)	+137 to +145°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,01 %
Conductivity at 20°C (c=20% w/v in H_2O)	20 $\mu S.cm^{-1}$
Loss on drying at 105°C	0,2 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t
Darkened substances by H_2SO_4	p/t.
Acidity	0,0008 meq/g
Alkalinity	0,006 meq/g
D(-)-Sorbite (G.C.)	2,0 %
Reducing sugars (as $C_6H_{12}O_6$)	0,05 %
Water (H_2O)	0,5 %
Related substances	p/t.
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ni	0,0001 %
Pb	0,00005 %

Order code	Package	Units/Box st.
142067.1210	500 g	6
142067.1211	1000 g	6
142067.0914	5 kg	

D(-)-Mannitol (E-421, F.C.C.) ADITIO

$C_6H_{14}O_6$

M: 182,17 CAS: 69-65-8 EINECS: 200-711-8 NC: 2905 43 00

SPECIFICATIONS:

Assay (as $C_6H_{14}O_6$) a.d.s.	98,0-101,5%
Arsenic (as As), not more than	3 ppm
Chloride, not more than	0,007 %
Nickel, not more than	1 ppm
Loss on drying, not more than	0,3 %
pH 10% solution	5-7,5
Residue on ignition, not more than	0,1 %
Melting range	164-169°C
D(-)-Arabitol, not more than	0,3 %
Reducing sugars (as Glucose), not more than	0,3 %
Total sugars (as Glucose), not more than	1,0 %
Specific rotation $[\alpha]^{20}$/D	+23 a +25°
Sulphate, not more than	0,01 %
Lead, not more than	1 ppm
Microbial contamination:	
Mosophilic aerobic bacterias	10^3cfu/g
Total coliforms	absence/10 g
Salmonella	absence/10 g
Escherichia coli	absence/10 g
Staphylococcus aureus	absence/10 g
Pseudomonas aeruginosa	absence/10 g
Fungi	100 cfu/g
Yeast	100 cfu/g

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202067.0914	5 kg	
202067.0416	25 kg	

MATRIX MODIFIERS FOR ATOMIC ABSORPTION

Lanthanum Matrix Modifier RE

(La_2O_3 in HCl) for atomic absorption
NC: 3822 00 00
1l~1,010kg 1kg~0,990l
SPECIFICATIONS:
Metals by ICP [mg/Kg (ppm)]

Al	1	Cu	1	Mn	1
Ca	1	Fe	1	Ni	1
Cd	1	Mg	1	Pb	1
				Zn	1

Order code	Package	Units/Box st.
176166.1208	100 ml	6

Magnesium Matrix Modifier RE

[Mg=10±0,2 g/l ($Mg(NO_3)_2.6H_2O$ in HNO_3 17%)] for atomic absorption
NC: 3822 00 00 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314
1l~1,05kg 1kg~0,95l
SPECIFICATIONS:

Ag	0,002 ppm
As	0,01 ppm
Cd	0,001 ppm
Pb	0,02 ppm
Se	0,1 ppm
Tl	0,01 ppm

Order code	Package	Units/Box st.
176170.1208	100 ml	6

Phosphate Matrix Modifier RE

($NH_4H_2PO_4$ 100±2 g/l in H_2O) for atomic absorption
$(NH_4)H_2PO_4$
M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00
1l~1,052kg 1kg~0,951l
SPECIFICATIONS:

Assay (as $(NH_4)H_2PO_4$) (p/v)	9,8-10,2 %

Order code	Package	Units/Box st.
176169.1208	100 ml	6

Mayer's Hematoxylin solution DC

for cytology
NC: 3822 00 00
Signal Word: Warning



H302
1l~1,040kg 1kg~0,961l
Composition:

Hematoxylin	1,0 g
Aluminium Potassium Sulphate 12-hydrate.	50 g
Sodium Iodate	0,2 g
Chloral hydrate	50 g
Citric Acid anhydrous	1 g
Water	1000 ml

Order code	Package	Units/Box st.
254766.1610	500 ml	6
254766.1611	1000 ml	6

May Grünwald-Giemsa, Kit of

(see: Immersion Oil. Azur-Eosin-Methylene Blue solution according to Giemsa (slow). Eosin-Methylene Blue solution according to May-Grünwald. Buffer Solution pH 7,2)

May Grünwald's solution

(see Eosin-Methylene Blue solution according to May Grünwald)

May Grünwald's stain

(see Eosin-Methylene Blue dye according to May Grünwald)

MBTFA

(see N-Methyl-Bis (Trifluoroacetamide))

Meat Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 16 %
Nitrogen, total ..... ≥10 %

Order code	Package	Units/Box st.
403692.1210	500 g	6
403692.0914	5 kg	
403692.0416	25 kg	

Meat Peptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403683.1210	500 g	6
403683.0914	5 kg	
403683.0416	25 kg	

Medium (prepared for Microbiology)

(see chapter CULTIMED products)

Melitose

(see D(+)-Raffinose 5-hydrate)

Menadione Sodium Disulphite 3-hydrate, 95% PS

$C_{11}H_9NaO_5S \cdot 3H_2O$

M: 330,28 CAS: 57414-02-5 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 95 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B481.1208	100 g	6

L(-)-Menthol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_{10}H_{20}O$

M: 156,27 CAS: 2216-51-5 EINECS: 218-690-9 NC: 2906 11 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 41-44°C
Specific rotation $[\alpha]^{20}/D$ c=10 (in C_2H_5OH) ..... -48 to -51°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Non-volatile matter ..... 0,05 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Related substances ..... p/t.
Acidity or alkalinity ..... p/t.

Order code	Package	Units/Box st.
142961.1608	100 g	6
142961.1610	500 g	6

L(-)-Menthol, 99% PS

$C_{10}H_{20}O$

M: 156,27 CAS: 2216-51-5 EINECS: 218-690-9 NC: 2906 11 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 41-44°C

Order code	Package	Units/Box st.
152961.1608	100 g	6
152961.1610	500 g	6

Merbromin

(see Mercurydibromofluoroescein)

Mercaptoacetic Acid

(see Thioglycolic Acid 80%)

4-Mercaptofluorobenzene

(see 4-Fluorothiophenol)

Mercapturic Acid

(see N-Acetyl-L-Cysteine)

Mercuric

(see Mercury(II) compounds)

Mercurochrome

(see Mercurydibromofluoroescein)

Mercurous

(see Mercury(I) compounds)

Mercury metal tridistilled (Reag. Ph. Eur.) PA-ACS

for polarography

Hg

M: 200,59 CAS: 7439-97-6 EINECS: 231-106-7 NC: 2805 40 90 UN: 2809
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 803 CAO: 803

Signal Word: Danger



H360D-H330-H372-H410

1l~13,534kg 1kg~0,074l

SPECIFICATIONS:

Appearance ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO_3 ..... 0,002 %
Residue after reduction ..... 0,002 %
Non-volatile matter ..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,5	Cu 0,1	Ni 0,1
Al 1	Fe 0,5	Pb 0,1
Au 0,1	Ga 0,1	Pt 0,1
B 0,1	Ge 0,1	Sb 1
Ba 1	In 0,1	Se 0,1
Be 0,1	K 2	Sn 0,1
Bi 0,1	Li 0,1	Sr 0,1
Ca 5	Mg 0,5	Ti 0,1
Cd 0,1	Mn 0,1	Tl 0,1
Co 0,1	Mo 0,1	V 0,1
Cr 0,1	Na 5	Zn 0,5
		Zr 0,1

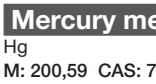
Order code	Package	Units/Box st.
131421.2209	250 g	6
131421.2211	1000 g	6

Mercury metal PRS

Hg

M: 200,59 CAS: 7439-97-6 EINECS: 231-106-7 NC: 2805 40 90 UN: 2809
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 803 CAO: 803

Signal Word: Danger



H360D-H330-H372-H410

1l~13,534kg 1kg~0,074l

SPECIFICATIONS:

Residue after reduction ..... 0,05 %

Order code	Package	Units/Box st.
141421.2208	100 g	6
141421.2209	250 g	6
141421.2211	1000 g	6
141421.2214	5 kg	4

MERCURY SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Mercury Absorbent RE

NC: 3822 00 00 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H410

SPECIFICATIONS:
Suitability as mercury absorbent ..... p/t.

Order code	Package	Units/Box st.
175126.1210	500 g	6

Mercury(II) Acetate (Reag. Ph. Eur.) PA-ACS

$Hg(CH_3COO)_2$
M: 318,68 CAS: 1600-27-7 EINECS: 216-491-1 NC: 2915 29 00 UN: 1629
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

CE: 080-004-00-7
SPECIFICATIONS:
Minimum assay ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Residue after reduction ..... 0,02 %
Chloride (Cl) ..... 0,005 %
Nitrate (NO_3) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Other heavy metals (as Pb) ..... 0,002 %
Ag ..... 0,0005 %
Cd ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
Hg (l) ..... 0,4 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,001 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131417.1208	100 g	6
131417.1209	250 g	6
131417.1211	1000 g	6
131417.1214	5 kg	4

Mercury(II) Acetate PRS

$Hg(CH_3COO)_2$
M: 318,68 CAS: 1600-27-7 EINECS: 216-491-1 NC: 2915 29 00 UN: 1629
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Assay (Compl.) ..... 98 %
Insoluble matter in H_2O ..... 0,05 %
Chloride (Cl) ..... 0,025 %
Sulphate (SO_4) ..... 0,02 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141417.1208	100 g	6
141417.1209	250 g	6
141417.1211	1000 g	6
141417.1214	5 kg	4

Mercury(II) Bromide (Reag. Ph. Eur.) PA-ACS

$HgBr_2$
M: 360,41 CAS: 7789-47-1 EINECS: 232-169-3 NC: 2827 59 00 UN: 1634
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Minimum assay (Comp.) ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3OH ..... 0,05 %
Residue after reduction ..... 0,02 %
Chloride (Cl) ..... 0,25 %

Order code	Package	Units/Box st.
131418.1208	100 g	6
131418.1209	250 g	6

Mercury(II) Bromide PRS

$HgBr_2$
M: 360,41 CAS: 7789-47-1 EINECS: 232-169-3 NC: 2827 59 00 UN: 1634
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Assay (Compl.) ..... 98 %
Insoluble matter in CH_3OH ..... 0,1 %
Residue on ignition (as SO_4) ..... 0,1 %

Order code	Package	Units/Box st.
141418.1208	100 g	6
141418.1209	250 g	6

Mercury(II) Chloride PA-ACS

$HgCl_2$
M: 271,50 CAS: 7487-94-7 EINECS: 231-299-8 NC: 2827 39 85 UN: 1624
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H300-H314-H372-H361f-H341-H410

SPECIFICATIONS:
Minimum assay (Compl.) ..... 99,5 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Insoluble matter in $C_2H_5OC_2H_5$ ..... 0,01 %
Residue after reduction ..... 0,02 %
Nitrate (NO_3) ..... 0,0005 %
Cu ..... 0,001 %
Fe ..... 0,002 %
K ..... 0,005 %
Mg ..... 0,001 %
Na ..... 0,005 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
131419.1208	100 g	6
131419.1209	250 g	6
131419.1211	1000 g	6
131419.1214	5 kg	4

Mercury(II) Chloride PRS

$HgCl_2$
M: 271,50 CAS: 7487-94-7 EINECS: 231-299-8 NC: 2827 39 85 UN: 1624
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H300-H314-H372-H361f-H341-H410

SPECIFICATIONS:
Assay (Compl.) ..... 99 %
Insoluble matter in H_2O ..... 0,025 %
Residue after reduction ..... 0,2 %
Nitrate (NO_3) ..... 0,005 %
Cu ..... 0,002 %
Fe ..... 0,005 %
Mg ..... 0,005 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141419.1208	100 g	6
141419.1209	250 g	6
141419.1211	1000 g	6
141419.1214	5 kg	6

Mercurydibromofluoroescein PRS

$C_{20}H_8Br_2HgNa_2O_6$
M: 750,70 CAS: 129-16-8 EINECS: 204-933-6 NC: 3204 12 00 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Insoluble matter in H_2O ..... 0,5 %
Chloride (Cl) ..... 0,1 %
Sulphate (SO_4) ..... 0,1 %
Cu ..... 0,005 %
Fe ..... 0,01 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
142395.1608	100 g	6
142395.1610	500 g	6
142395.1214	5 kg	4

Mercury(II) Iodide red (Reag. Ph. Eur.) PA-ACS

HgI_2

M: 454,40 CAS: 7774-29-0 EINECS: 231-873-8 NC: 2827 60 00 UN: 1638
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay cal. a.d.s	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in IK	p/t.
Residue on ignition (as SO_4)	0,05 %
Soluble mercury salts (as Hg)	0,05 %
Cu	0,001 %
Hg(I)	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131428.1208	100 g	6

Mercury(II) Iodide red PA

HgI_2

M: 454,40 CAS: 7774-29-0 EINECS: 231-873-8 NC: 2827 60 00 UN: 1638
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (Arg.)	99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in IK	p/t.
Residue on ignition (as SO_4)	0,05 %
Soluble mercury salts (as Hg)	0,05 %
Cu	0,001 %
Hg(I)	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121428.1208	100 g	6
121428.1209	250 g	6
121428.1211	1000 g	6
121428.1214	5 kg	6

Mercury(I) Nitrate 2-hydrate (ACS IX) PA-ACS

$Hg_2(NO_3)_2.2H_2O$

M: 561,22 CAS: 7782-86-7 EINECS: 233-886-4 NC: 2834 29 80 UN: 1627
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay	98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO_3	0,005 %
Residue after reduction	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,002 %
Ca	0,005 %
Cd	0,0005 %
Cu	0,0005 %
Fe	0,001 %
Hg(II)	0,5 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131423.1208	100 g	6
131423.1209	250 g	6
131423.1214	5 kg	6

Mercury(I) Nitrate 2-hydrate PRS

$Hg_2(NO_3)_2.2H_2O$

M: 561,22 CAS: 7782-86-7 EINECS: 233-886-4 NC: 2834 29 80 UN: 1627
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Assay	97 %
Residue after reduction	0,05 %
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,02 %
Cu	0,002 %
Fe	0,002 %
Hg(II)	2 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141423.1208	100 g	6
141423.1209	250 g	6
141423.1214	5 kg	6

MERCURY(II) NITRATE SOLUTIONS

Mercury(II) Nitrate solution 2% w/v RE

EINECS: 233-152-3 NC: 2834 29 80 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger



H331-H311-H301-H373-H412

1l~1,016kg 1kg~0,984l

Composition:

Mercury(II) Oxide yellow	1,32 g
Nitric Acid 60%	1,5 ml
Water s.q.m	100 ml

Order code	Package	Units/Box st.
171422.1609	250 ml	6

Mercury(II) Nitrate 0,005 mol/l (0,01N) DC

for determination of chloride, according to Schales and Schales

$Hg(NO_3)_2$

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger



H332-H312-H302-H373

1l~1,001kg 1kg~0,999l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
252138.1611	1000 ml	6

Mercury(II) Nitrate 0,005 mol/l (0,01N) SV

Indicator: Diphenylcarbazone mixed

$Hg(NO_3)_2$

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger



H332-H312-H302-H373

1l~1,001kg 1kg~0,999l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
182138.1611	1000 ml	6

Mercury(II) Nitrate 0,01 mol/l (0,02N) SV

Indicator: Diphenylcarbazone mixed

$Hg(NO_3)_2$

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger



H332-H312-H302-H373-H412

1l~1,007kg 1kg~0,993l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181425.1611	1000 ml	6

Mercury(II) Nitrate 0,05 mol/l (0,1N) SV

Indicator: Diphenylcarbazone mixed

$Hg(NO_3)_2$

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger



H331-H311-H301-H373-H412

1l~1,014kg 1kg~0,986l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181424.1611	1000 ml	6

Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS

HgO

M: 216,59 CAS: 21908-53-2 EINECS: 244-654-7 NC: 2825 90 80 UN: 1641
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,03 %
Residue on ignition (as SO_4) ..... 0,05 %
Residue after reduction ..... 0,05 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,025 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,003 %
Ni ..... 0,001 %
Pb ..... 0,001 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
131426.1208	100 g	6
131426.1209	250 g	6
131426.1214	5 kg	6

Mercury(II) Oxide yellow PRS

HgO

M: 216,59 CAS: 21908-53-2 EINECS: 244-654-7 NC: 2825 90 80 UN: 1641
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Assay (Compl.) ..... 98,5 %
Insoluble matter in HCl ..... 0,05 %
Nitrogen compounds (as N) ..... 0,01 %
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,025 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141426.1208	100 g	6
141426.1209	250 g	6
141426.1211	1000 g	6

Mercury(II) Oxide red PRS

HgO

M: 216,59 CAS: 21908-53-2 EINECS: 244-654-7 NC: 2825 90 80 UN: 1641
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Assay (Compl.) ..... 98,5 %
Insoluble matter in HCl ..... 0,3 %
Nitrogen compounds (as N) ..... 0,01 %
Chloride (Cl) ..... 0,1 %
Sulphate (SO_4) ..... 0,05 %
Cu ..... 0,005 %
Fe ..... 0,01 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141427.1208	100 g	6
141427.1209	250 g	6
141427.1211	1000 g	6
141427.1214	5 kg	6

Mercury(II) Rhodanide

(see Mercury(II) Thiocyanate)

Mercury Spillage Kit RE

NC: 3822 00 00 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H410

Comprised of:
1x100g Mercury Absorbent
1 Cardboard box containing 6 plastic gloves
1 Instructions sheet
1x100ml Flask
1x60ml Flask
1 Shovel
1 Brush
3x3ml Pasteur pipettes

Order code	Package	Units/Box st.
175677.1122	pack	6

Mercury(II) Sulphate PA-ACS

for determination of COD

$HgSO_4$

M: 296,65 CAS: 7783-35-9 EINECS: 231-992-5 NC: 2833 29 90 UN: 1645
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay ..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Residue after reduction ..... 0,02 %
Suitability for determination of COD according to UNE 77-004-02 ..... p/t.
Chloride (Cl) ..... 0,003 %
Nitrate (NO_3) ..... p/t.
Cd ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,003 %
Hg(l) ..... 0,15 %
Ni ..... 0,001 %
Pb ..... 0,001 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
132166.1208	100 g	6
132166.1209	250 g	6
132166.1211	1000 g	6

Mercury(II) Sulphate PRS

$HgSO_4$

M: 296,65 CAS: 7783-35-9 EINECS: 231-992-5 NC: 2833 29 90 UN: 1645
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Insoluble matter in H_2SO_4 ..... 0,01 %
Chloride (Cl) ..... 0,01 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Hg(l) ..... 0,2 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
142166.1208	100 g	6
142166.1209	250 g	6
142166.1211	1000 g	6
142166.1214	5 kg	6

Mercury(II) Sulphate solution 80 g/l

(see Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate)

Mercury(II) Sulphate sol. 200 g/l in diluted sulphuric acid RV

for determ. of COD acc. DIN 38 409-H

NC: 3822 00 00 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger



H330-H310-H300-H373-H411-H319-H315

1l~1,295kg 1kg~0,772l

SPECIFICATIONS:

Suitability for determination of COD according to DIN 38 409-H ..... p/t.

Order code	Package	Units/Box st.
284289.1611	1000 ml	6

Mercury(II) Sulphocyanate

(see Mercury(II) Thiocyanate)

Mercury(II) Sulphocyanide

(see Mercury(II) Thiocyanate)

Mercury(II) Thiocyanate (Reag. USP, Ph. Eur.) PA

$Hg(SCN)_2$

M: 316,75 CAS: 592-85-8 EINECS: 209-773-0 NC: 2852 00 00 UN: 1646
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition ..... 0,05 %
Sulphate (SO_4) ..... 0,01 %

Order code	Package	Units/Box st.
121092.1208	100 g	6
121092.1209	250 g	6

MES

(see 2-Morpholinoethanesulphonic Acid 1-hydrate)

Metanil Yellow (C.I. 13065) PA

pH indicator 1,2 red; 2,8 yellow
$C_{18}H_{14}N_3NaO_3S$

M: 375,38 CAS: 587-98-4 EINECS: 209-608-2 NC: 3204 16 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 433-439 nm
A 1%, 1 cm, λmax ..... >450
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
Red 1,2
Yellow 2,8
Insoluble matter in H_2O ..... p/t.
Loss on drying at 135°C ..... 5 %

Order code	Package	Units/Box st.
121107.1605	10 g	6

Methanamide

(see Formamide)

Methanesulphonic Acid 70% w/w PS

CH_4O_3S

M: 96,11 CAS: 75-75-2 EINECS: 200-898-6 NC: 2904 10 00 UN: 2586
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H314

1l~0,353kg 1kg~0,739l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 69 %
Density at 20/4 1,345-1,360

Order code	Package	Units/Box st.
15A687.1609	250 ml	6
15A687.1611	1000 ml	6

Methanol (HPLC-hypergradient grade) HIPERPUR

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0001 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,02 %
Suitability for PAH analysis ..... p/t.
Gradient:

λ(nm)	220	235	254
A (mAU)	5	2	1

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	210	220	230	260-400
A (AU)	0,456	0,155	0,081	0,009
T (%)	35	60	75	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
721091.1611	1000 ml	6
721091.1612	2,5 l	4

Methanol (HPLC-gradient grade) PAI-ACS

CH_4O_3S

Signal Word: Danger



H225-H331-H311-H301-H370

CE: 603-001-00-X

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,03 %
Reducing substances to $KMnO_4$ ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Carbonyl compounds (as CH_3COCH_3) ..... 0,001 %
Suitability for gradient acc. to ACS ..... p/t.
Gradient:

λ(nm)	235	254
A (mAU)	2	1

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	205 (Cut off)	220	235	240	260-400
A (AU)	1,000	0,260	0,081	0,046	0,009
T (%)	10	55	83	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider polarity 5,1
Eluotropic value E°(Al_2O_3) 0,95
Sol. H_2O in solv. at 20°C ..... miscible

Order code	Package	Units/Box st.
221091.1611	1000 ml	6
221091.1612	2,5 l	4
221091.1646	4 l	4
221091.0314	5 l	4
221091.0515	10 l	
221091.0516	25 l	
221091.0537	30 l	

Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,03 %
Reducing substances to $KMnO_4$ ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Carbonyl compounds (as acetone, as formaldehyde and as acetaldehyde) ..... 0,001 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	220	230	240	260-400
A (AU)	1,000	0,699	0,301	0,097	0,046	0,009
T (%)	10	20	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361091.1611	1000 ml	6
361091.1612	2,5 l	4
361091.1646	4 l	4
361091.0314	5 l	4
361091.0515	10 l	
361091.1616	25 l	
361091.0537	30 l	

Methanol (HPLC-preparative) PAI

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,05 %

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	225	240	260-400
A (AU)	1,000	0,699	0,301	0,046	0,009
T (%)	10	20	50	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
261091.0314	5 l	4

Methanol (LC-MS) PAI

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,02 %
Suitability for LC-MS ..... p/t.
Gradient:

λ(nm)	235	254
A (mAU)	2	1

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	210	220	235	240	260-400
A (AU)	0,523	0,260	0,081	0,046	0,009
T (%)	30	55	83	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	0,5

Metals [in mg/Kg (ppm)]

Ag 0,05	Cr 0,02	Na 0,1
Al 0,5	Cu 0,01	Ni 0,02
Ba 0,1	Fe 0,1	Pb 0,02
Ca 0,01	K 0,1	Sn 0,1
Cd 0,05	Mg 0,1	Zn 0,1
Co 0,02	Mn 0,01	

Microfiltered product (0,2 µm) and bottled under argon atmosphere.

Order code	Package	Units/Box st.
701091.1611	1000 ml	6
701091.1612	2,5 l	4

Methanol (PAR) PAI

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,05 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) ..... p/t.

Order code	Package	Units/Box st.
321091.1611	1000 ml	6
321091.1612	2,5 l	4
321091.1646	4 l	4

Methanol dry (max. 0,005% water) DS-ACS-ISO

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
Acetone (G.C.) ..... 0,001 %
Ethanol (G.C.) ..... 0,05 %
2-Propanol (G.C.) ..... 0,05 %
Reducing substances to $KMnO_4$ (as O) ..... 0,00025 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0002 meq/g
Carbonyl compounds (as CH_3COCH_3) ..... 0,005 %
Acetaldehyde (CH_3CHO) ..... 0,001 %
Formaldehyde (HCHO) ..... 0,001 %
Water (H_2O) ..... 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481091.1611	1000 ml	6

Methanol (Reag. Ph. Eur.) PA-ACS-ISO

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
Acetone (G.C.) ..... 0,001 %
Ethanol (G.C.) ..... 0,005 %
2-Propanol (G.C.) ..... 0,01 %
Reducing substances to $KMnO_4$ (as O) ..... 0,00025 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0002 meq/g
Carbonyl compounds (as CH_3COCH_3) ..... 0,005 %
Acetaldehyde (CH_3CHO) ..... 0,001 %
Formaldehyde (HCHO) ..... 0,001 %
Water (H_2O) ..... 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	P	0,2
Al	0,5	Fe	0,1	Pb	0,1
As	0,05	Ga	0,02	Pt	0,02
Au	0,05	Ge	0,05	S	0,2
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	In	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
		Ni	0,02	Zr	0,02

Order code	Package	Units/Box st.
131091.1611	1000 ml	6
131091.1211	1000 ml	6
131091.1612	2,5 l	4
131091.1212	2,5 l	4
131091.1214	5 l	4
131091.0716	25 l	
131091.0718	60 l	
131091.0719	200 l	

Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 0,791-0,793
Refractive index n^{20}/D 1,328-1,330

MAXIMUM LIMIT OF IMPURITIES

Clarity and colour ..... p/t.
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
Acetone (G.C.) ..... 0,002 %
Benzene (G.C.) (v/v) ..... 0,0002 %
Ethanol (G.C.) ..... 0,1 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0005 %
Acetone and aldehydes (as CH_3COCH_3) ..... 0,003 %
Darkened substances by H_2SO_4 ..... p/t.
Related substances (G.C.):
Individual impurity ..... 0,1 %
Total impurities ..... 0,3 %
Acidity (as CH_3COOH) ..... 0,003 %
Alkalinity (as NH_3) ..... 0,0003 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Water (H_2O) ..... 0,1 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

UV Spectrum:

λ (nm)	230	250	270	290
A (AU)	0,15	0,05	0,02	0,01

Order code	Package	Units/Box st.
141091.1211	1000 ml	6
141091.1212	2,5 l	4
141091.1214	5 l	4
141091.0716	25 l	
141091.0718	60 l	
141091.0719	200 l	

Methanol (F.C.C.) ADITIO

extraction solvent for industrial food use
CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Assay (in CH_3OH), not less than ..... 99,85 %
Acetone and aldehydes, not more than ..... 0,003 %
Acidity (as formic acid), not more than ..... 0,0015 %
Alkalinity (as NH_3), not more than ..... 3 ppm
Distillation range (including 64,6° +/-0,1°C) ..... 1°C
Non-volatile residue, not more than ..... 10 ppm
Solubility in water ..... p/t.
Easily carbonizable substances ..... p/t.
Substances reducing to $KMnO_4$ ..... p/t.
Water, not more than ..... 0,1 %
Arsenic, not more than ..... 1 ppm
Lead, not more than ..... 1 ppm
Specifications Dir. 92/115/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201091.1214	5 l	4
201091.0716	25 l	

Methanol, 99,5% PS

CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,791-0,792
Non-volatile matter ..... 0,002 %
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161091.1211	1000 ml	6
161091.1212	2,5 l	4
161091.1714	5 l	4
161091.0616	25 l	
161091.0619	200 l	

Methanol according to Karl Fischer RE

for aquametry
CH_3OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O) ..... 0,01 %

Order code	Package	Units/Box st.
171091.1611	1000 ml	6
171091.1612	2,5 l	4
171091.0616	25 l	

Methanol-D4 deuteration degree min. 99,95% (NMR) PAI

CD_3OD

M: 36,07 CAS: 811-98-3 EINECS: 212-378-6 NC: 2845 90 10 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,89kg 1kg~1,12l

SPECIFICATIONS:

Deuteration degree min. ..... 99,95 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O) ..... 0,02 %

Order code	Package	Units/Box st.
745858.02130	10 x 0,75 ml	6
745858.1605	10 ml	6

M

Methanol-D4 deuteration degree min. 99,8% (NMR) PAI

CD_3OD

M: 36,07 CAS: 811-98-3 EINECS: 212-378-6 NC: 2845 90 10 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,89kg 1kg~1,12l

SPECIFICATIONS:
Deuteration degree min. ..... 99,8 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745857.02130	10 x 0,75 ml	6
745857.1905	vial with septum 10 ml	6
745857.1606	25 ml	6

Methenamine

(see Hexamethylenetetramine)

DL-Methionine (BP, Ph. Eur.) PRS-CODEX

$C_5H_{11}NO_2S$

M: 149,21 CAS: 59-51-8 EINECS: 200-432-1 NC: 2930 40 90

SPECIFICATIONS:
Assay calc. a.d.s. ..... 99,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
pH sol. 2% 5,4-6,1
Specific rotation ..... -0,05 to +0,05°

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,02 %
Related substances ..... p/t.
Heavy metals (as Pb) ..... 0,002 %

Order code	Package	Units/Box st.
145827.1211	1000 g (P)	6

L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX

$C_5H_{11}NO_2S$

M: 149,21 CAS: 63-68-3 EINECS: 200-562-9 NC: 2930 40 10

SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s. ..... 99,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=2 (in HCl) calc. a.d.s. ..... +22,5 to +24,0°
Specific rotation $[\alpha]^{25}$/D c=2 (in HCl) calc. a.d.s. ..... +22,4 to +24,7°
pH 2,5% solution 5,5-6,5
pH 1% solution 5,6-6,1
T.L.C. ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,3 %
Residue on ignition (as SO_4) ..... 0,1 %
Organic volatile impurities ..... p/t.
Ammonium (NH_4) ..... 0,02 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Heavy metals (as Pb) ..... 0,001 %
Fe ..... 0,001 %

Order code	Package	Units/Box st.
142882.1208	100 g (P)	6
142882.1211	1000 g (P)	6

L-Methionine (F.C.C.) ADITIO

$C_5H_{11}NO_2S$

M: 149,21 CAS: 63-68-3 EINECS: 200-562-9 NC: 2930 40 10

SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s. ..... 98,5-101,5 %
Identification ..... IR p/t.
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,5 %
Specific rotation $[\alpha]^{20}$/D calc. a.d.s. ..... +21,0 to +25,0°
Residue on ignition, not more than ..... 0,1 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202882.1208	100 g (P)	6
202882.1211	1 kg (P)	6

L-Methionine, 99% PS

$C_5H_{11}NO_2S$

M: 149,21 CAS: 63-68-3 EINECS: 200-562-9 NC: 2930 40 10

SPECIFICATIONS:
Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152882.1606	25 g	6
152882.1608	100 g	6

6-Methoxy-2-Acetonaphthone

(see 2-Acetyl-6-Methoxynaphthalene)

Methoxyamine Hydrochloride

(see O-Methylhidroxylammonium Chloride)

4-Methoxybenzaldehyde, 98% PS

$C_8H_8O_2$

M: 136,15 CAS: 123-11-5 EINECS: 204-602-6 NC: 2912 49 00

1l~1,122kg 1kg~0,891l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,120-1,124

Order code	Package	Units/Box st.
15A649.1608	100 ml	6
15A649.1610	500 ml	6

Methoxybenzene

(see Anisole)

4-Methoxybenzoic Acid, 99% PS

$C_8H_8O_3$

M: 152,15 CAS: 100-09-4 EINECS: 202-818-5 NC: 2916 39 00

SPECIFICATIONS:
Assay (a.d.s.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 181-183°C

Order code	Package	Units/Box st.
15B501.1208	100 g (P)	6
15B501.1209	250 g (P)	6

2-Methoxyethanol

(see Ethylene Glycol mono-Methyl Ether)

2-(2-Methoxyethoxy) Ethanol

(see Diethylene Glycol mono-Methyl Ether)

3-Methoxy-4-Methylbenzoic Acid, 96% PS

$C_9H_{10}O_3$

M: 166,17 CAS: 7151-68-0 EINECS: 230-486-1 NC: 2916 39 00

SPECIFICATIONS:
Assay ..... 96 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C061.1603	1 g	6
15C061.1604	5 g	6

4-Methoxyphenol, 98% PS

$C_7H_8O_2$

M: 124,14 CAS: 150-76-5 EINECS: 205-769-8 NC: 2909 50 90
Signal Word: Warning



H302-H319-H317

SPECIFICATIONS:
Minimum assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 54-56°C

Order code	Package	Units/Box st.
15A135.1608	100 g	6
15A135.1610	500 g	6

1-Methoxy-2-Propanol PRS

$C_4H_{10}O_2$

M: 90,12 CAS: 107-98-2 EINECS: 203-539-1 NC: 2909 44 00 UN: 3092
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H336

1l~0,924kg 1kg~1,082l

SPECIFICATIONS:
Assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,921-0,927
2-Methoxy-1-Propanol (G.C.) ..... 0,5 %
Acidity (as C_2H_5COOH) ..... 0,01 %
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
145398.1611	1000 ml	6

1-Methoxy-2-Propanol, 99% PS

$C_4H_{10}O_2$

M: 90,12 CAS: 107-98-2 EINECS: 203-539-1 NC: 2909 44 00 UN: 3092
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H336

1l~0,924kg 1kg~1,082l

SPECIFICATIONS:

Assay (G.C.)..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
155398.1611	1000 ml	6

1-Methoxy-4-(2-Propenyl) Benzene

(see 4-Allylanisole)

3-Methoxy-p-Toluic Acid

(see 3-Methoxy-4-Methylbenzoic Acid)

4'-Methylacetanilide, 98% PS

$C_9H_{11}NO$

M: 149,21 CAS: 103-89-9 EINECS: 203-155-4 NC: 2924 29 95
Signal Word: Warning



H302

SPECIFICATIONS:

Assay..... 98 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15C060.1608	100 g	6

Methyl Acetate PRS

CH_3COOCH_3

M: 74,08 CAS: 79-20-9 EINECS: 201-185-2 NC: 2915 39 30 UN: 1231
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,936kg 1kg~1,068l

SPECIFICATIONS:

Assay (G.C.)..... 99 %
Identity..... IR p/t.
Density at 20/4 0,934-0,938
Non-volatile matter..... 0,01 %
Methanol (G.C.) ..... 0,2 %
Acidity (as CH_3COOH) ..... 0,005 %
Water (H_2O)..... 0,3 %
Cu..... 0,00002 %
Fe..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
142023.1611	1000 ml	6
142023.1612	2,5 l	4
142023.0716	25 l	

Methyl Acetate, 99% PS

CH_3COOCH_3

M: 74,08 CAS: 79-20-9 EINECS: 201-185-2 NC: 2915 39 30 UN: 1231
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-EUH066-H336

1l~0,936kg 1kg~1,068l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity..... IR p/t.
Density at 20/4 0,934-0,938
Non-volatile matter..... 0,001 %
Acidity (as CH_3COOH) ..... 0,005 %
Water (H_2O)..... 0,3 %

Order code	Package	Units/Box st.
162023.1611	1000 ml	6
162023.1612	2,5 l	4

Methyl Acrylate, 99% stabilized with ~50 ppm of M.E.H.Q. PS

$CH_2=CHCOOCH_3$

M: 86,09 CAS: 96-33-3 EINECS: 202-500-6 NC: 2916 12 10 UN: 1919
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302-H319-H335-H315-H317

1l~0,956kg 1kg~1,046l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity..... IR p/t.
Density at 20/4 0,954-0,956
Water (H_2O)..... 0,05 %

Order code	Package	Units/Box st.
15A826.1611	1000 ml	6

Methylal

(see Formaldehyde Dimethylacetal)

Methyl Alcohol

(see Methanol)

Methylamine solution 40% w/w PS

CH_5N

M: 31,06 CAS: 74-89-5 EINECS: 200-820-0 NC: 2921 11 10 UN: 1235
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H302-H314

1l~0,900kg 1kg~1,111l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 40 %
Density at 20/4 0,895-0,900

Order code	Package	Units/Box st.
15A825.1609	250 ml	6
15A825.1611	1000 ml	6

Methyl 2-Aminobenzoate, 99% PS

$C_8H_9NO_2$

M: 151,17 CAS: 134-20-3 EINECS: 205-132-4 NC: 2922 49 95
1l~1,168kg 1kg~0,856l

SPECIFICATIONS:

Assay..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15C201.1609	250 ml	6
15C201.1611	1000 ml	6

Methyl 3-Aminobenzoate, 98% PS

$C_8H_9NO_2$

M: 151,16 CAS: 4518-10-9 EINECS: 224-842-5 NC: 2922 50 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay..... 98 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15C004.1604	5 g	6
15C004.1606	25 g	6

4-Methylaminophenol Sulphate PA-ACS

$(CH_3NHC_6H_4OH)_2.H_2SO_4$

M: 344,39 CAS: 55-55-0 EINECS: 200-237-1 NC: 2922 29 00
Signal Word: Warning



H302-H373-H317-H410

SPECIFICATIONS:

Assay (Cerim.) 99,0-101,5%
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
2-Aminophenol..... p/t.
Sensitivity to phosphates ..... p/t.

Order code	Package	Units/Box st.
131798.1207	50 g	6
131798.1209	250 g	6

4-Methylaminophenol Sulphate PRS

$(CH_3NHC_6H_4OH)_2.H_2SO_4$

M: 344,39 CAS: 55-55-0 EINECS: 200-237-1 NC: 2922 29 00

Signal Word: Warning



H302-H373-H317-H410

SPECIFICATIONS:

Assay (Cerim.) ..... 98,0 %
Identity ..... IR p/t.
Residue on ignition (as SO_4) ..... 0,5 %

Order code	Package	Units/Box st.
141798.1207	50 g	6
141798.1209	250 g	6

2-Methylaniline

(see o-Toluidine)

4-Methylaniline

(see p-Toluidine)

Methyl p-Anisate

(see Methyl 4-Methoxybenzoate)

4-Methyl-m-Anisic Acid

(see 3-Methoxy-4-Methylbenzoic Acid)

Methyl Anthranilate

(see Methyl 2-Aminobenzoate)

Methylbenzene

(see Toluene)

4-Methylbenzenesulphonic Acid

(see Toluene-4-Sulphonic Acid 1-hydrate)

Methyl Benzoate PRS

$C_6H_5COOCH_3$

M: 136,15 CAS: 93-58-3 EINECS: 202-259-7 NC: 2916 31 00

Signal Word: Warning



H302

1l~1,088kg 1kg~0,919l

SPECIFICATIONS:

Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,086-1,090
Non-volatile matter ..... 0,01 %
Acidity (as $C_7H_6O_2$) ..... 0,12 %
Water (H_2O) ..... 0,1 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141949.1611	1000 ml	6
141949.1612	2,5 l	4
141949.1214	5 l	4

Methyl Benzoate, 99% PS

$C_6H_5COOCH_3$

M: 136,15 CAS: 93-58-3 EINECS: 202-259-7 NC: 2916 31 00

Signal Word: Warning



H302

1l~1,088kg 1kg~0,919l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,086-1,090
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
151949.1606	25 ml	6
151949.1610	500 ml	6

N-Methyl-Bis (Trifluoroacetamide) CG

for derivatization (GC)

$C_5H_3F_6NO_2$

M: 223,07 CAS: 685-27-8 EINECS: 211-680-5 NC: 2924 19 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l~1,547kg 1kg~0,646l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 97 %
Identity ..... IR p/t.
Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355590.0922	20 x 1 ml	6
355590.1905	10 ml	6
355590.2522	10 x 10 ml	6

N-Methyl-Bis (Trifluoroacetamide), 97% PS

$C_5H_3F_6NO_2$

M: 223,07 CAS: 685-27-8 EINECS: 211-680-5 NC: 2924 19 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l~1,547kg 1kg~0,646l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
155590.1604	5 ml	6
155590.1606	25 ml	6

Methyl Borate

(see Trimethyl Borate azeotrope with methanol 70:30)

2-Methylbutane

(see Isopentane)

3-Methyl-1-Butanol (Reag. Ph. Eur.) PA-ACS

$C_5H_{11}OH$

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Minimum assay (as $C_5H_{12}O$) (G.C.) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 0,809-0,812

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,003 %
1-Pentanol (G.C.) ..... 0,5 %
Acidity ..... 0,002 meq/g
Acids and esters (as Pentyl acetate) ..... 0,2 %
Carbonyl compounds (as HCHO) ..... 0,1 %
Water (H_2O) ..... 0,15 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,01
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131079.1611	1000 ml	6
131079.1612	2,5 l	4
131079.1214	5 l	4
131079.0716	25 l	

3-Methyl-1-Butanol according to Gerber PA

for determination of fat in milk

$C_5H_{11}OH$

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Assay (as $C_5H_{12}O$) (G.C.) ..... 98,5 %

MAXIMUM LIMIT OF IMPURITIES

Organic impurities ..... p/t.
Water (H_2O) ..... 0,3 %
Suitability for fats determ. acc. to Gerber ..... p/t.

Order code	Package	Units/Box st.
121079.1211	1000 ml	6
121079.1212	2,5 l	4
121079.1214	5 l	4
121079.0716	25 l	
121079.0718	60 l	

3-Methyl-1-Butanol PRS

$C_5H_{11}OH$

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Assay (as $C_5H_{12}O$) (G.C.) ..... 98,0 %
Identity ..... IR p/t.
Density at 20/4 0,809-0,812
Non-volatile matter ..... 0,01 %
1-Pentanol (G.C.) ..... 1 %
Acidity ..... 0,006 meq/g
Water (H_2O) ..... 0,5 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141079.1211	1000 ml	6
141079.1212	2,5 l	4
141079.1214	5 l	4
141079.0716	25 l	

3-Methyl-1-Butanol, 98% PS

$C_5H_{11}OH$

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Minimum assay (as $C_5H_{12}O$) (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,809-0,812
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
151079.1611	1000 ml	6
151079.1612	2,5 l	4

Methyl iso-Butyl Ketone

(see 4-Methyl-2-Pentanone)

2-Methylbutyric Acid, 98% PS

$C_5H_{10}O_2$

M: 102,13 CAS: 116-53-0 EINECS: 204-145-2 NC: 2915 60 90 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H314

1l~0,935kg 1kg~1,069l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,935-0,937
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A665.1608	100 ml	6

D-2-Methylbutyric Acid, 98% PS

$C_5H_{10}O_2$

M: 102,13 CAS: 1730-91-2 NC: 2915 60 11 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~0,930kg 1kg~1,075l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A066.1603	1 ml	6
15A066.1604	5 ml	6

2-Methylbutyric Acid Chloride

(see 2-Methylbutyryl Chloride)

2-Methylbutyryl Chloride, 99% PS

$CH_3CH_2CH(CH_3)COCl$

M: 120,58 CAS: 57526-28-0 EINECS: 260-787-3 NC: 2812 90 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H319-H335-H315

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,985-0,995

Order code	Package	Units/Box st.
15A633.1608	100 ml	6

Methyl Caprate

(see Methyl Decanoate)

Methyl Caproate

(see Methyl Hexanoate)

Methyl Caprylate

(see Methyl Octanoate)

Methyl Cellosolve

(see Ethylene Glycol mono-Methyl Ether)

Methylchloroform

(see 1,1,1-Trichloroethane)

Methyl Cyanide

(see Acetonitrile)

Methylcyclohexane dry (max. 0,005% water) DS

$C_6H_{11}CH_3$

M: 98,19 CAS: 108-87-2 EINECS: 203-624-3 NC: 2902 19 80 UN: 2296
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H411

1l~0,769kg 1kg~1,300l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,768-0,770

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as S) ..... 0,005 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,005 %
Thiophene ..... p/t.
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
482802.1611	1000 ml	6

Methylcyclohexane, 99% PS

$C_6H_{11}CH_3$

M: 98,19 CAS: 108-87-2 EINECS: 203-624-3 NC: 2902 19 80 UN: 2296
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H304-H336-H411

1l~0,769kg 1kg~1,300l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,768-0,770
Non-volatile matter ..... 0,003 %
Water (H_2O) ..... 0,03 %

Order code	Package	Units/Box st.
162802.1611	1000 ml	6
162802.1714	5 l	4
162802.0616	25 l	

4-Methylcyclohexanone, 98% PS

$C_7H_{12}O$

M: 112,17 CAS: 589-92-4 EINECS: 209-665-3 NC: 2914 22 00 UN: 2297
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 316
Signal Word: Warning



H226-H302

1l~0,914kg 1kg~1,094l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A030.1606	25 ml	6
15A030.1608	100 ml	6

trans-4-Methylcyclohexylammonium Chloride, 98% PS

$C_7H_{15}N.HCl$

M: 149,66 CAS: 33483-65-7 NC: 2921 30 99
Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Minimum Assay ..... 98 %

Order code	Package	Units/Box st.
15A031.1603	1 g	6
15A031.1605	10 g	6

trans-4-Methylcyclohexyl Isocyanate, 98% PS

$C_8H_{13}NO$

M: 139,20 CAS: 32175-00-1 NC: 2929 10 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H331-H311-H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A222.1604	5 g	6

Methyl Cyclopropanecarboxilate, 98% PS

$C_5H_8O_2$

M: 100,12 CAS: 2868-37-3 EINECS: 220-690-9 NC: 2916 20 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,985kg 1kg~1,015l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A047.1606	25 ml	6
15A047.1609	250 ml	6

Methyl Decanoate, 98% PS

$C_{11}H_{22}O_2$

M: 186,30 CAS: 110-42-9 EINECS: 203-766-6 NC: 2915 90 80
1l~0,87kg 1kg~1,15l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152757.1604	5 ml	6
152757.1608	100 ml	6

4-Methyl-1,3-Dioxolane-2-one

(see Propylene Carbonate)

Methyl Dodecanoate

(see Methyl Laurate)

2,2'-Methylenebiphenyl

(see Fluorene)

Methylene Blue (C.I. 52015) PA

$C_{16}H_{18}ClN_3S.xH_2O$

M: 319,85+H_2O CAS: 61-73-4 EINECS: 200-515-2 NC: 3204 13 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Spectrophotometric) ..... 82 %
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 663-667 nm
A 1%, 1 cm, λmax. (calc. a.d.s.) ..... >2200
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 8-16 %

Order code	Package	Units/Box st.
121170.1606	25 g	6
121170.1608	100 g	6

Methylene Blue (C.I. 52015) (USP) CODEX

$C_{16}H_{18}ClN_3S.xH_2O$

M: 319,85+H_2O CAS: 61-73-4 EINECS: 200-515-2 NC: 3204 13 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (calc. a.d.s.) ..... 98,0-103,0 %
Identity according to Pharmacopoeias ..... p/t.
T.L.C. ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying ..... 8,0-18,0 %
Residue on ignition ..... 1,2 %
Organic volatile impurities ..... p/t.
As ..... 0,0008 %
Cu ..... 0,02 %
Zn ..... p/t.

Order code	Package	Units/Box st.
191170.1608	100 g	6
191170.1611	1000 g	6

Methylene Blue (C.I. 52015) DC

for microscopy, bacteriology and cytology

$C_{16}H_{18}ClN_3S.xH_2O$

M: 319,85+H2O CAS: 61-73-4 EINECS: 200-515-2 NC: 3204 13 00
Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Spectrophotometric) ..... 82 %
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 663-667 nm
A 1%, 1 cm, λmax. (calc. a.d.s.) ..... >2200
Ratio λmax. P ± 15 nm 1,21-1,70
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 8-16 %

Order code	Package	Units/Box st.
251170.1606	25 g	6
251170.1608	100 g	6
251170.1609	250 g	6
251170.0914	5 kg	

Methylene Blue Alkali DC

for microscopy, solution according to Loeffler

NC: 3822 00 00

1l~0,987kg 1kg~1,013l

Composition:

Methylene Blue ..... 0,365 g
Potassium Hydroxide 0,1 mol/l ..... 1,62 ml
Ethanol absolute ..... 9,1 ml
Water ..... 91 ml

Order code	Package	Units/Box st.
251171.1208	100 ml	6
251171.1209	250 ml	6

Methylene Blue Phenicated DC

for microscopy, solution according to Kühne
NC: 3822 00 00
Signal Word: Warning


H312-H302

1l~0,995kg 1kg~1,005l
Composition:
Methylene Blue ..... 9 g
Ethanol absolute ..... 90 ml
Phenol ..... 26 ml
Water ..... 1000 ml

Order code	Package	Units/Box st.
251172.1208	100 ml P	6
251172.1209	250 ml P	6
251172.1211	1000 ml P	6

Methylene Dichloride

(see Dichloromethane)

Methylene Iodide

(see Diiodomethane)

Methylethylketone

(see Butanone)

Methyl Formate, 97% PS

$C_2H_4O_2$
M: 60,05 CAS: 107-31-3 EINECS: 203-481-7 NC: 2915 13 00 UN: 1243
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger


H224-H332-H302-H319-H335

1l~0,970kg 1kg~1,031l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 97 %
Identity ..... IR p/t.
Density at 20/4 0,974-0,977

Order code	Package	Units/Box st.
164541.1611	1000 ml	6

2-Methylfuran, 99% PS

C_5H_6O
M: 82,10 CAS: 534-22-5 EINECS: 208-594-5 NC: 2932 19 00 UN: 2301
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H331-H311-H301

1l~0,913kg 1kg~1,095l
SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,913-0,916
Furfural ..... < 0,5 %
Peroxides (as O_2) ..... < 0,2 mol/Kg
Water (H_2O) ..... < 0,1 %

Order code	Package	Units/Box st.
15C074.1608	100 ml	6
15C074.1610	500 ml	6

Methylglycol

(see Ethylene Glycol mono-Methyl Ether)

Methyl Green (C.I. 42585) DC

for microscopy, bacteria staining
$(C_{26}H_{33}Cl_2N_3)_n+ZnCl_2$
M: (458,5)n+136,3 CAS: 7114-03-6 EINECS: 230-415-4 NC: 3204 13 00
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 630-635 nm
A 1%, 1 cm, λmax ..... >400
Ratio λmax. P ± 15 nm 0,86-1,11
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
251704.1604	5 g	6
251704.1606	25 g	6

Methyl Hexadecanoate

(see Methyl Palmitate)

Methyl Hexanoate, 98% PS

$C_7H_{14}O_2$
M: 130,19 CAS: 106-70-7 EINECS: 203-425-1 NC: 2915 90 80
1l~0,88kg 1kg~1,13l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152759.1608	100 ml	6
152759.1610	500 ml	6

Methyl 2-Hydroxybenzoate

(see Methyl Salicylate)

Methyl 4-Hydroxybenzoate (USP-NF, BP, Ph. Eur., JP) PRS-CODEX

$C_8H_8O_3$
M: 152,15 CAS: 99-76-3 EINECS: 202-785-7 NC: 2918 29 30
SPECIFICATIONS:
Assay (Acidim.) ..... 98,0-102,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 125-128°C
A 1%; 1 cm; λ258 nm 1040-1120
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Appearance and colour of solution ..... p/t.
Insoluble matter in C_2H_5OH 96% ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Acidity ..... p/t.
Related substances :
Impurity A (4-Hidroxibenzoic Acid) 0,5%
Individual not specified impurities 0,5%
Total impurities 1,0%

Order code	Package	Units/Box st.
143332.1208	100 g P	6
143332.1210	500 g P	6
143332.0914	5 kg PP	

Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO

$C_8H_8O_3$
M: 152,15 CAS: 99-76-3 EINECS: 202-785-7 NC: 2918 29 30
SPECIFICATIONS:
Assay (in $C_8H_8O_3$) calc. on the anh. basis 99,0-100,5%
Acidity ..... p/t.
Salicylic + 4-Hydroxybenzoic Acid (in $C_7H_6O_3$), not more than ..... 0,35 %
Arsenic (as As), not more than ..... 3 ppm
Residue on ignition, not more than ..... 0,05 %
Loss on drying, not more than ..... 0,5 %
Heavy metals (as Pb), not more than ..... 10 ppm
Lead, not more than ..... 2 ppm
Melting range ..... 125-128°C
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
203332.0914	5 kg PP	

O-Methylhydroxylamine Hydrochloride

(see O-Methylhydroxylammonium Chloride)

O-Methylhydroxylammonium Chloride PA

for derivatization (GC)
CH_6ClNO
M: 83,52 CAS: 593-56-6 EINECS: 209-798-7 NC: 2928 00 90
Signal Word: Warning


H319-H335-H315-H351

SPECIFICATIONS:
Assay (Arg.) ..... 99 %

Order code	Package	Units/Box st.
122706.1605	10 g	6

Methyl 4-Hydroxyphenylacetate, 98% PS

$C_9H_{10}O_3$
M: 166,18 CAS: 14199-15-6 EINECS: 238-050-2 NC: 2918 99 90
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A007.1606	25 g	6
15A007.1608	100 g	6

Methyl Iodide

(see Iodomethane)

Methyl Isobutylketone
(see 4-Methyl-2-Pentanone)

2-Methyl-5-Isopropylphenol
(see 5-Isopropyl-2-Methylphenol)

2-Methyllactic Acid
(see 2-Hydroxyisobutyric Acid)

Methyl Laurate CG
C13H26O2
M.= 214,35 CAS [111-82-0] EINECS 203-911-3 NC: 2915 90 00
RTECS: OF 0670000
1l~0,86kg 1kg~1,16l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
352761.1903	1ml	6

Methyl Laurate, 98% PS
$C_{13}H_{26}O_2$
M: 214,35 CAS: 111-82-0 EINECS: 203-911-3 NC: 2915 90 80
1l~0,86kg 1kg~1,16l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152761.1604	5 ml	6

Methyl 4-Methoxybenzoate, 98% PS
$C_9H_{10}O_3$
M: 166,18 CAS: 121-98-2 EINECS: 204-513-2 NC: 2909 49 90
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A204.1606	25 g	6
15A204.1608	100 g	6

2-Methyl-5-(1-Methylethyl) Phenol
(see 5-Isopropyl-2-Methylphenol)

N-Methylmorpholine, 98% PS
$C_5H_{11}NO$
M: 101,15 CAS: 109-02-4 EINECS: 203-640-0 NC: 2934 99 90 UN: 2535
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

H225-H312-H302-H314
1l~0,917kg 1kg~1,091l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,917-0,918
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
15A841.1610	500 ml	6

Methyl Myristate, 98% PS
$C_{15}H_{30}O_2$
M: 242,41 CAS: 124-10-7 EINECS: 204-680-1 NC: 2915 90 80
1l~0,86kg 1kg~1,15l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152762.1608	100 ml	6
152762.1610	500 ml	6

2-Methyl-1,4-Naphtoquinone Sodium Disulphite
(see Menadione Sodium Disulphite 3-hydrate)

Methyl Nicotinate, 99% PS
$C_7H_7NO_2$
M: 137,14 CAS: 93-60-7 EINECS: 202-261-8 NC: 2933 39 99
Signal Word: Warning

H319-H315
SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B183.1208	100 g	6
15B183.1210	500 g	6

2-Methyl-4-Nitroaniline, 98% PS
$C_7H_8N_2O_2$
M: 152,15 CAS: 99-52-5 EINECS: 202-762-1 NC: 2921 43 00 UN: 2660
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger

H331-H311-H301-H373-H411
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A068.1608	100 g	6
15A068.1610	500 g	6

Methyl Octadecanoate
(see Methyl Stearate)

Methyl Octanoate, 98% PS
$C_9H_{18}O_2$
M: 158,24 CAS: 111-11-5 EINECS: 203-835-0 NC: 2915 90 80
1l~0,87kg 1kg~1,15l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152758.1606	25 ml	6
152758.1608	100 ml	6

Methyl Orange (C.I. 13025) PA-ACS
pH indicator 3,2 red; 4,4 yellow
$C_{14}H_{14}N_3NaO_3S$
M: 327,34 CAS: 547-58-0 EINECS: 208-925-3 NC: 3204 12 00
SPECIFICATIONS:
Identity ..... IR p/t.
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
pink or red 3,2
yellow 4,4
Transition interval according to ACS ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
131431.1606	25 g	6
131431.1607	50 g	6
131431.1608	100 g	6
131431.1610	500 g	6

METHYL ORANGE SOLUTIONS

Methyl Orange solution 0,04% RV
pH indicator 3,2 red; 4,4 yellow
$C_{14}H_{14}N_3NaO_3S$
M: 327,34 CAS: 547-58-0 NC: 3822 00 00
1l~0,981kg 1kg~1,019l
Composition:
Methyl Orange ..... 40 mg
Ethanol absolute ..... 15 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281433.1208	100 ml	6
281433.1209	250 ml	6

Methyl Orange solution 0,1% RV
pH indicator 3,2 red; 4,4 yellow
$C_{14}H_{14}N_3NaO_3S$
M: 327,34 CAS: 547-58-0 NC: 3822 00 00
1l~0,974kg 1kg~1,027l
Composition:
Methyl Orange ..... 0,1 g
Ethanol absolute ..... 20 ml
Water ..... 82,5 ml

Order code	Package	Units/Box st.
281432.1208	100 ml	6
281432.1209	250 ml	6

Methyl Palmitate, 98% PS
$C_{17}H_{34}O_2$
M: 270,46 CAS: 112-39-0 EINECS: 203-966-3 NC: 2915 70 20
SPECIFICATIONS:
1l~0,86kg 1kg~1,16l
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152763.1608	100 ml	6

Methyl Paraben
(see Methyl 4-Hydroxybenzoate)

2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX

$C_6H_{14}O_2$

M: 118,18 CAS: 107-41-5 EINECS: 203-489-0 NC: 2905 39 10

Signal Word: Warning



H319-H315

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity according to Pharmacopoeias ..... p/t.
Density at 25/25 0,917-0,923
Refractive index n ^{25}/D 1,424-1,430

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP) ..... p/t
Acidity (as CH_3COOH) ..... 0,013 %
Water (H_2O) ..... 0,5 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141348.1211	1000 ml	6
141348.1214	5 l	4
141348.0716	25 l	

4-Methyl-2-Pentanol, 97% PS

$C_6H_{14}O$

M: 102,18 CAS: 108-11-2 EINECS: 203-551-7 NC: 2905 19 00 UN: 2053
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H335

1l~0,81kg 1kg~1,23l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 97 %
Identity ..... IR p/t.
Density at 20/4 0,806-0,808

Order code	Package	Units/Box st.
15A647.1211	1000 ml	6
15A647.1214	5 l	4

4-Methyl-2-Pentanone (Reag. Ph. Eur.) PA-ACS

$C_6H_{12}O$

M: 100,16 CAS: 108-10-1 EINECS: 203-550-1 NC: 2914 13 00 UN: 1245
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H319-H335-EUH066

1l~0,799kg 1kg~1,252l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,798-0,802
Distillation range ..... <4,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
Non-volatile matter ..... 0,005 %
Acidity ..... 0,0004 meq/g
Water (H_2O) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131430.1611	1000 ml	6
131430.1612	2,5 l	4
131430.1214	5 l	4
131430.0716	25 l	

4-Methyl-2-Pentanone (USP-NF) PRS-CODEX

$C_6H_{12}O$

M: 100,16 CAS: 108-10-1 EINECS: 203-550-1 NC: 2914 13 00 UN: 1245
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H319-H335-EUH066

1l~0,799kg 1kg~1,252l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 25/25 ..... ≤0,799
Distillation range ..... 114-117°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,008 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity ..... 0,0015 meq/g
Water (H_2O) ..... 0,3 %
Cu ..... 0,00002 %
Fe ..... 0,00002 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141430.1611	1000 ml	6
141430.1612	2,5 l	4
141430.1214	5 l	4
141430.0716	25 l	

4-Methyl-2-Pentanone, 99% PS

$C_6H_{12}O$

M: 100,16 CAS: 108-10-1 EINECS: 203-550-1 NC: 2914 13 00 UN: 1245
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H319-H335-EUH066

1l~0,799kg 1kg~1,252l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,798-0,802
Non-volatile matter ..... 0,005 %
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161430.1211	1000 ml	6
161430.1212	2,5 l	4
161430.1214	5 l	4
161430.0716	25 l	

2-Methylphenol

(see o-Cresol)

4-Methylphenol

(see p-Cresol)

Methyl Phenyl Ether

(see Anisole)

Methyl Phenyl Ketone

(see Acetophenone)

1-Methylpiperazine, 98% PS

$C_5H_{12}N_2$

M: 100,16 CAS: 109-01-3 EINECS: 203-639-5 NC: 2933 59 95 UN: 2734
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H312-H314

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B718.1610	500 ml	6

2-Methyl-1-Propanol

(see Isobutanol)

2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS

$(CH_3)_3COH$

M: 74,12 CAS: 75-65-0 EINECS: 200-889-7 NC: 2905 14 10 UN: 1120
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H319-H335

1l~0,78kg 1kg~1,28l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Freezing point	>25°C
Distillation range (>95% dist.)	81-83°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	20
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,003 %
1-Butanol (G.C.)	0,05 %
2-Butanol (G.C.)	0,2 %
Isobutanol (G.C.)	0,05 %
Acidity	0,001 meq/g
Alkalinity	0,0005 meq/g
Carbonyl compounds (as HCHO)	0,01 %
Water (H_2O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	P	0,2
Al	0,5	Fe	0,1	Pb	0,1
As	0,05	Ge	0,05	Pt	0,1
Au	0,1	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,05
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02

Order code	Package	Units/Box st.
131903.1611	1000 ml	6
131903.1214	5 l	4
131903.0716	25 l	

2-Methyl-2-Propanol PRS

$(CH_3)_3COH$

M: 74,12 CAS: 75-65-0 EINECS: 200-889-7 NC: 2905 14 10 UN: 1120
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H319-H335

1l~0,78kg 1kg~1,28l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Non-volatile matter	0,01 %
1-Butanol (G.C.)	0,1 %
2-Butanol (G.C.)	0,5 %
Isobutanol (G.C.)	0,1 %
Acidity	0,005 meq/g
Alkalinity	0,003 meq/g
Water (H_2O)	0,3 %
Cu	0,00002 %
Fe	0,00002 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141903.1611	1000 ml	6
141903.1214	5 l	4
141903.0716	25 l	

2-Methyl-2-Propanol, 99,7% PS

$(CH_3)_3COH$

M: 74,12 CAS: 75-65-0 EINECS: 200-889-7 NC: 2905 14 10 UN: 1120
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H319-H335

1l~0,78kg 1kg~1,28l

SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Identity	IR p/t.
Non-volatile matter	0,003 %
Water (H_2O)	0,08 %

Order code	Package	Units/Box st.
161903.1611	1000 ml	6
161903.1714	5 l	4
161903.0616	25 l	

2-Methylpyridine, 98% PS

C_6H_7N

M: 93,12 CAS: 109-06-8 EINECS: 203-643-7 NC: 2933 39 99 UN: 2313
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H302-H319-H335

1l~0,943kg 1kg~1,06l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,942-0,945

Order code	Package	Units/Box st.
15A634.1611	1000 ml	6
15A634.1214	5 l	4
15A634.0716	25 l	

1-Methyl-2-Pyrrolidone (VLSI) EG

C_5H_9NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00
Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Assay	99,8 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	25
Non-volatile matter	0,001 %
Chloride (Cl)	0,0001 %
Phosphate (PO_4)	0,0005 %
Free amines	0,01 %
Water (H_2O)	0,05 %
0,5 µm particles	250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	50	Cr	50	Ni	50
Al	100	Cu	50	Pb	50
As	50	Fe	100	Sb	50
Au	50	Ga	50	Sn	50
B	50	K	50	Sr	50
Ba	50	Li	50	Ti	50
Be	50	Mg	50	V	50
Ca	50	Mn	50	Zn	50
Cd	50	Mo	50		
Co	50	Na	50		

Order code	Package	Units/Box st.
873080.1212	2,5 l	4

1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI

C_5H_9NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00
Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Density at 20/4	1,031-1,034

MAXIMUM LIMIT OF IMPURITIES

APHA colour	50
Water (H_2O)	0,05 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	262 (Cut off)	270	300	320	340-450
A (AU)	1,000	0,553	0,102	0,041	0,009
T (%)	10	28	79	91	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	6,7
Sol. H_2O in solv. at 20°C	miscible

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363080.1611	1000 ml	6

1-Methyl-2-Pyrrolidone PA-ACS

C_5H_9NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00

Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 50
Free amines (as CH_3NH_2) ..... 0,01 %
Chloride (Cl) ..... 0,0001 %
Water(H_2O) ..... 0,05 %
Al ..... 0,00001 %
Au ..... 0,00001 %
Cr ..... 0,00001 %
Cu ..... 0,00001 %
Fe ..... 0,00001 %
K ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,00001 %
Ni ..... 0,00001 %
Pb ..... 0,00001 %
Sb ..... 0,000005 %
Sn ..... 0,00001 %
Ti ..... 0,00001 %
Zn ..... 0,000005 %

Microfiltered product (0,2 um) and bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
133080.1611	1000 ml	6

1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX

C_5H_9NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00

Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance ..... p/t.
Alkalinity ..... p/t.
Related substances ..... p/t.
Water (H_2O) ..... 0,1 %
Heavy metals (as Pb) ..... 0,001 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
143080.1611	1000 ml	6
143080.1214	5 l	4
143080.0716	25 l	

1-Methyl-2-Pyrrolidone, 99% PS

C_5H_9NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00

Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,031-1,034
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
163080.1611	1000 ml	6
163080.1612	2,5 l	4
163080.1214	5 l	4
163080.0716	25 l	

N-Methylpyrrolidone

(see 1-Methyl-2-Pyrrolidone)

Methyl Red (C.I. 13020) PA-ACS

pH indicator 4,2 red; 6,2 yellow

$C_{15}H_{15}N_3O_2$

M: 269,31 CAS: 493-52-7 EINECS: 207-776-1 NC: 2927 00 00

SPECIFICATIONS:

Identity ..... IR p/t.
Melting range ..... 179-182°C
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
red 4,2
yellow 6,2
Transition interval according to ACS ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 110°C ..... 5 %
Residue on ignition (as SO_4) ..... 2 %

Order code	Package	Units/Box st.
131617.1605	10 g	6
131617.1606	25 g	6
131617.1608	100 g	6
131617.1211	1000 g	6

Methyl Red solution 0,1% DC

$C_{15}H_{15}N_3O_2$

M: 269,31 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,870kg 1kg~1,149l

Composition:
Methyl red ..... 1 g
Ethanol 70% ..... 1000 ml

Order code	Package	Units/Box st.
251618.1208	100 ml	6

Methyl Red solution 0,1% RV

pH indicator 4,2 red; 6,2 yellow

$C_{15}H_{15}N_3O_2$

M: 269,31 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,870kg 1kg~1,149l

Composition:
Methyl red ..... 1 g
Ethanol 70% ..... 1000 ml

Order code	Package	Units/Box st.
281618.1208	100 ml	6

Methyl Red Sodium Salt (C.I. 13020) PA-ACS

pH indicator 4,2 red; 6,2 yellow

$C_{15}H_{14}N_3NaO_2$

M: 291,29 CAS: 845-10-3 EINECS: 212-682-9 NC: 2927 00 00

SPECIFICATIONS:

Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
red 4,2
yellow 6,2
Transition interval according to ACS ..... p/t.
Insoluble matter in H_2O ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 110°C ..... 5 %

Order code	Package	Units/Box st.
133234.1606	25 g	6

5-Methylresorcinol

(see 3,5-Dihydroxytoluene 1-hydrate)

Methyl Salicylate synthetic (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_8H_8O_3$

M: 152,15 CAS: 119-36-8 EINECS: 204-317-7 NC: 2918 23 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning


H302-H319

1l~1,180kg 1kg~0,847l

SPECIFICATIONS:

Assay 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 1,180-1,185
Density at 25/25 1,180-1,185
Refractive index n ^{20}/D 1,535-1,538
Angular rotation ..... inactive

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in C_2H_5OH 70% ..... p/t.
Acidity (as salicilic acid) ..... 0,05 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Water (H_2O) ..... 0,3 %
Heavy metals (as Pb) ..... 0,001 %

Order code	Package	Units/Box st.
142963.1611	1000 ml	6

Methyl Salicylate, 99% PS

$C_8H_8O_3$

M: 152,15 CAS: 119-36-8 EINECS: 204-317-7 NC: 2918 23 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning


H302-H319

1l~1,180kg 1kg~0,847l

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152963.1608	100 ml	6
152963.1611	1000 ml	6

Methyl Stearate, 98% PS

$C_{19}H_{38}O_2$

M: 298,51 CAS: 112-61-8 EINECS: 203-990-4 NC: 2915 70 80

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152760.1604	5 g	6
152760.1607	50 g	6

Methylsulphonic Acid

(see Methanesulphonic Acid)

Methylsulphoxide

(see Dimethyl Sulphoxide)

Methyl Tetradecanoate

(see Methyl Myristate)

2-Methyltetrahydrofuran stabilized with ~300 ppm of BHT PS

$C_5H_{10}O$

M: 86,13 CAS: 96-47-9 EINECS: 202-507-4 NC: 2932 19 00 UN: 2536
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H319-H335-H225-EUH019

1l~0,86kg 1kg~1,16l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Non-volatile matter ..... 0,03 %
Water (H_2O) ..... 0,03 %

Order code	Package	Units/Box st.
156416.1611	1000 ml	6

Methylthymol Blue Sodium Salt PA-ACS

for complexometry

$C_{37}H_{40}N_2Na_4O_{13}S$

M: 844,76 CAS: 1945-77-3 EINECS: 217-743-3 NC: 2932 99 85

SPECIFICATIONS:

Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Transition interval:
yellow 6,5
blue 8,5
Transition interval according to ACS ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 135°C ..... 10 %
Suitability as metal indicator ..... p/t.

Order code	Package	Units/Box st.
132618.1603	1 g	6
132618.1604	5 g	6

Methyltrichloromethane

(see 1,1,1-Trichloroethane)

N-Methyltrifluoroacetamide, 98% PS

$C_3H_4F_3NO$

M: 127,07 CAS: 815-06-5 EINECS: 212-417-7 NC: 2924 19 00
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 49-51°C

Order code	Package	Units/Box st.
15A842.1604	5 g	6

N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG

for derivatization (GC)

$CF_3CON(CH_3)Si(CH_3)_3$

M: 199,25 CAS: 24589-78-4 EINECS: 246-331-6 NC: 2924 19 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H319-H335-H315

1l~1,076kg 1kg~0,929l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95,0 %
Identity ..... IR p/t.
Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355587.0922	20 x 1 ml	6
355587.1905	10 ml	6
355587.2522	10 x 10 ml	6
355587.1608	100 ml	6

N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide, 95% PS

$CF_3CON(CH_3)Si(CH_3)_3$

M: 199,25 CAS: 24589-78-4 EINECS: 246-331-6 NC: 2924 19 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H319-H335-H315

1l~1,076kg 1kg~0,929l

Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
155587.1606	25 ml	6

Methyl Violet (C.I. 42535) DC

for microscopy, diptherial bacteria staining

CAS: 8004-87-3 EINECS: 210-042-3 NC: 3204 16 00
Signal Word: Warning


H302

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in C_2H_5OH 50% ..... 583-587 nm
A 1%, 1cm, λmax ..... >1600
Ratio λmax. P ± 15 nm 1,06-1,19
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 10 %

Order code	Package	Units/Box st.
252079.1606	25 g	6
252079.1608	100 g	6

Methyl Violet 2B
(see Methyl Violet)

Methyl Yellow
(see 4-(Dimethylamino) Azobenzene)

Methyl Yellow solution 0,5% RV
pH indicator 2,9 red; 4,0 yellow
$C_{14}H_{15}N_3$
M: 225,30 CAS: 60-11-7 NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225
1l~0,828kg 1kg~1,208l
Composition:
p-(Dimethylamino) Azobenzene .....0,5 g
Ethanol absolute.....90 ml
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
281109.1208	100 ml	6

Metol
(see 4-Methylaminophenol Sulphate)

Meyer's Reagent DC
for hematology, blood (hemoglobin) in faeces, urine, duodenal liquid and gastric juice
NC: 3822 00 00 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314
1l~1,200kg 1kg~0,833l
Composition:
Potassium Hydroxide 85% pellets .....20 g
Zinc metal.....15 g
Phenolphthalein.....2 g
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
251579.1608	100 ml	6

MIBK
(see 4-Methyl-2-Pentanone)

Microbiology
(see chapter CULTIMED products)

Micropowder Wax (Licowax C®) PA
(® Registered trade-mark of Clariant)for X-ray fluorescence
CAS: 110-30-5 EINECS: 203-755-6 NC: 2712 90 99
SPECIFICATIONS:
Metals by ICP [mg/Kg (ppm)]
Bi 10
Co.....5
Cr.....5
Cu.....5
Fe.....5
Mn 5
Ni 5
Pb 10
Sr.....5
Tl.....10
Zn 5

Order code	Package	Units/Box st.
126150.1211	1000 g	6

Millon's Reagent DC
for determination of phenols, tyrosine and albuminoids
NC: 3822 00 00 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger


H330-H310-H300-H373-H319-H315-H411
1l~1,358kg 1kg~0,736l
Composition:
Mercury metal.....23 g
Nitric Acid 60% .....33,3 ml
Water .....68 ml

Order code	Package	Units/Box st.
251580.1608	100 ml	6

Minium
(see Lead tetra-Oxide)

Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H319-H315-H410-H304-EUH066-H336
1l~0,832kg 1kg~1,202l
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
APHA colour.....10
Non-volatile matter.....0,0005 %
Acidity.....0,0008 meq/g
Water (H_2O).....0,02 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane).....5 ng/l
Phosphorus and Nitrogen compounds of pestidice (Ethylparathion to Coumaphos) (as Ethylparathion).....5 ng/l

Order code	Package	Units/Box st.
326165.1612	2,5 l	4
326165.0515	10 l	

Mixture TAN PA
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H319-H335
1l~0,822kg 1kg~1,216l
SPECIFICATIONS:
Composition according to ASTM D 664-07 ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Acidity value 0,005

Order code	Package	Units/Box st.
124860.1611	1000 ml	6
124860.1612	2,5 l	4

Mixture TBN PA
NC: 3822 00 00 UN: 2924
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H225-H314-H332
1l~1,078kg 1kg~0,927l
Composition:
Chlorobenzene .....667 ml
Acetic Acid .....333 ml

Order code	Package	Units/Box st.
124856.1611	1000 ml	6
124856.1612	2,5 l	4

Modifiers for AA
(see Matrix Modifiers for Atomic Absorption)

Mohr's Salt
(see Ammonium Iron(II) Sulphate 6-hydrate)

Molecular Sieve 3Å (2 mm diameter particle) RE
$Al_{12}K_{12}O_{48}Si_{12}.xH_2O$
CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15
SPECIFICATIONS:
Water adsorption capacity .....20 %
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 950°C.....1,5 %

Order code	Package	Units/Box st.
175349.1609	250 g	6
175349.1611	1000 g	6

Molecular Sieve 4Å RE
$Al_{12}Na_{12}O_{48}Si_{12}.H_2O$
CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15
SPECIFICATIONS:
Water adsorption capacity .....17,5 %
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 950°C.....2,5 %

Order code	Package	Units/Box st.
175350.1609	250 g	6
175350.1611	1000 g	6

Molecular Sieve 5Å (2 mm diameter particle) RE

$Al_{12}Ca_4,5Na_8O_{48}Si_{12}.xH_2O$

CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15

SPECIFICATIONS:

Water adsorption capacity ..... 21,5 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 950°C ..... 1,5 %

Order code	Package	Units/Box st.
175351.1609	250 g	6
175351.1611	1000 g	6

Molecular Sieve 10Å (2 mm diameter particle) RE

CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15

SPECIFICATIONS:

Water adsorption capacity ..... 18,5 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 950°C ..... 3,5 %

Order code	Package	Units/Box st.
175352.1609	250 g	6
175352.1611	1000 g	6

MOLYBDENUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Molybdenum(VI) Oxide PRS

MoO_3

M: 143,94 CAS: 1313-27-5 EINECS: 215-204-7 NC: 2825 70 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H319-H335-H351

SPECIFICATIONS:

Assay (as MoO_3) (Compl.) ..... 99 %
Insoluble matter in NH_4OH ..... 0,05 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,5 %
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142791.1209	250 g	6
142791.1211	1000 g	6
142791.1214	5 kg	4

Molybdenum Trioxide

(see Molybdenum(VI) Oxide)

Molybdic Acid (contains ammonium molybdate) PA-ACS

$\sim MoO_4H_2+Mo_7O_{24}(NH_4)_6$

CAS: 7782-91-4 EINECS: 231-970-5 NC: 2825 70 00

SPECIFICATIONS:

Minimum assay (as MoO_3) ..... 85,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH_4OH ..... 0,01 %
Arsenate, phosphate and silicate (as SiO_2) ..... 0,001 %
Chloride (Cl) ..... 0,002 %
Phosphate (PO_4) ..... 0,0005 %
Sulphate (SO_4) ..... 0,2 %
Heavy metals (as Pb) ..... 0,003 %
Cu ..... 0,001 %
Fe ..... 0,0005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
131035.1208	100 g	6
131035.1209	250 g	6
131035.1211	1000 g	6
131035.1214	5 kg	4

Molybdic Acid (contains ammonium molybdate) PRS

$\sim MoO_4H_2+Mo_7O_{24}(NH_4)_6$

CAS: 7782-91-4 EINECS: 231-970-5 NC: 2825 70 00

SPECIFICATIONS:

Assay (as MoO_3)(Compl.) ..... 85 %
Insoluble matter in NH_4OH ..... 0,05 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,5 %
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141035.1208	100 g	6
141035.1209	250 g	6
141035.1211	1000 g	6

Molybdic Anhydride

(see Molybdenum(VI) Oxide)

Molybdophosphoric Acid

(see Phosphomolybdic Acid x-hydrate)

Monoacetin

(see Glycerol mono-Acetate)

Monochlorobenzene

(see Chlorobenzene)

Monomethylamine

(see Methylamine)

MOPS

(see 3-Morpholinopropanesulfonic Acid)

MOPSO

(see 2-Hydroxy-3-Morpholinopropanesulphonic Acid)

Mordant Black 11

(see Eriochrome Black T)

Mordant Blue 3

(see Eriochromecyanine R)

Mordant Orange 1

(see Alizarin Yellow R)

Mordant Red 3

(see Alizarin Red S)

Mordant Red 11

(see Alizarin)

Mordant Yellow 1

(see Alizarin Yellow GG)

Morpholine (Reag. Ph. Eur.) PA-ACS

C_4H_9NO

M: 87,12 CAS: 110-91-8 EINECS: 203-815-1 NC: 2934 99 90 UN: 2054
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger



H226-H332-H312-H302-H314

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Minimum assay ..... 99,0 %
Identity ..... IR p/t.
Boiling range ..... 126,0-130,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
Water (H_2O) ..... 0,3 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
131435.1610	500 ml	6

Morpholine, 98% PS

C_4H_9NO

M: 87,12 CAS: 110-91-8 EINECS: 203-815-1 NC: 2934 99 90 UN: 2054
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger



H226-H332-H312-H302-H314

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 25/4 0,994-0,997
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
161435.1611	1000 ml	6
161435.1612	2,5 l	4
161435.0716	25 l	

Morpholinium Iodide, 99% PS

$C_4H_{10}INO$

M: 215,03 CAS: 58464-45-2 NC: 2934 99 90

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99 %
Identity ..... IR p/t.
Water (H_2O) ..... 0,5 %
Melting range ..... 213-216°C
Solubility in H_2O ..... p/t.

Order code	Package	Units/Box st.
15A828.1209	250 g	6
15A828.0914	5 kg	

1-Morpholinocyclohexene

(see 1-(4-Morpholino) Cyclohexene)

1-(4-Morpholino) Cyclohexene, 98% PS

$C_{10}H_{17}NO$

M: 167,25 CAS: 670-80-4 EINECS: 211-579-6 NC: 2934 99 90

Signal Word: Warning



H319-H335-H315

1l~0,995kg 1kg~1,005l

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C006.1606	25 ml	6
15C006.1608	100 ml	6

N-Morpholino-1-Cyclohexene

(see 1-(4-Morpholino) Cyclohexene)

Mounting mediums

(see DPX, Eukitt ®, Histofluid ® and Mounting Medium for substitutes of xylene)

Mounting Medium for substitutes of xylene DC

for microscopy

NC: 3822 00 00

1l~0,820kg 1kg~1,220l

SPECIFICATIONS:

Density at 25°C 0,815-0,825

Order code	Package	Units/Box st.
255811.0008	100 ml	6

MSTFA

(see N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide)

MTBE

(see tert-Butyl Methyl Ether)

MUG

(see 4-Methylumbelliferyl-β-D-Glucuronide)

Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS

for complexometry

$C_8H_8N_6O_6$

M: 284,19 CAS: 3051-09-0 EINECS: 221-266-6 NC: 2933 53 90

SPECIFICATIONS:

Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 10 %
Suitability as complexometric indicator ..... p/t.

Order code	Package	Units/Box st.
131436.1604	5 g	6
131436.1606	25 g	6

Murexide 1% in Sodium Chloride RV

for complexometry

NC: 3822 00 00

Composition:

Murexide ..... 1 g
Sodium Chloride ..... 99 g

Order code	Package	Units/Box st.
281437.1607	50 g	6
281437.1608	100 g	6

Muthmann's Liquid

(see 1,1,2,2-Tetrabromoethane)

Mycological Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
404140.1210	500 g	6
404140.0914	5 kg	
404140.0416	25 kg	

Myristic Acid, 98% PS

$CH_3(CH_2)_{12}COOH$

M: 228,38 CAS: 544-63-8 EINECS: 208-875-2 NC: 2915 90 80

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 52-55°C

Order code	Package	Units/Box st.
162591.1209	250 g	6
162591.1211	1000 g	6

Myristic Acid Methyl Ester

(see Methyl Myristate)

Naphta

(see Petroleum Ether)

Naphthalene PRS

$C_{10}H_8$

M: 128,16 CAS: 91-20-3 EINECS: 202-049-5 NC: 2902 90 10 UN: 1334
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H302-H351-H410

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 79-81°C
Non-volatile matter ..... 0,02 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141438.1210	500 g	6
141438.1211	1000 g	6
141438.0914	5 kg	
141438.0416	25 kg	

Naphthalene, 98% PS

$C_{10}H_8$

M: 128,16 CAS: 91-20-3 EINECS: 202-049-5 NC: 2902 90 10 UN: 1334
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H302-H351-H410

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 79-81°C

Order code	Package	Units/Box st.
151438.1209	250 g	6
151438.1211	1000 g	6

1-Naphthaleneacetic Acid, 97% PS

$C_{12}H_{10}O_2$

M: 186,21 CAS: 86-87-3 EINECS: 201-705-8 NC: 2916 39 00

Signal Word: Warning



H302-H319-H335

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A428.1206	25 g	6
15A428.1208	100 g	6

Naphthalene Black 10 B

(see Amido Black 10B)

1,4-Naphthalenedione

(see 1,4-Naphthoquinone)

Naphthalidine
(see 1-Naphthylamine)

1-Naphthol (Reag. USP, Ph. Eur.) PA
$C_{10}H_8O$
M: 144,17 CAS: 90-15-3 EINECS: 201-969-4 NC: 2907 15 10
Signal Word: Danger

H312-H302-H335-H315-H318
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 95-97°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3OH ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,01 %
Acidity ..... p/t.
Naphthalene (G.C.) ..... 0,2 %
2-Naphthol (G.C.) ..... 0,2 %
Water (H_2O) ..... 0,2 %
Chloride (Cl) ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
122855.1607	50 g	6
122855.1609	250 g	6

1-Naphthol, 99% PS
$C_{10}H_8O$
M: 144,17 CAS: 90-15-3 EINECS: 201-969-4 NC: 2907 15 10
Signal Word: Danger

H312-H302-H335-H315-H318
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 94-97°C
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
162855.1610	500 g	6
162855.0914	5 kg	

2-Naphthol PRS
$C_{10}H_7OH$
M: 144,17 CAS: 135-19-3 EINECS: 205-182-7 NC: 2907 15 90 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning

H332-H302-H400
SPECIFICATIONS:
Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 121-123°C
Insoluble matter in CH_3OH ..... 0,02 %
Residue on ignition (as SO_4) ..... 0,1 %
Acidity ..... p/t.
Chloride (Cl) ..... 0,02 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141194.1208	100 g	6
141194.1210	500 g	6
141194.0914	5 kg	

2-Naphthol, 99% PS
$C_{10}H_7OH$
M: 144,17 CAS: 135-19-3 EINECS: 205-182-7 NC: 2907 15 90 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning

H332-H302-H400
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 121-123°C

Order code	Package	Units/Box st.
161194.1210	500 g	6

β-Naphthol
(see 2-Naphthol)

Naphtol Blue Black
(see Amido Black 10B)

Naphthol Green B (C.I. 10020) PA-ACS
$C_{30}H_{15}FeN_3Na_3O_{15}S_3$
M: 878,47 CAS: 19381-50-1 EINECS: 243-010-2 NC: 3204 12 00
SPECIFICATIONS:
Identity ..... IR p/t.
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Loss on drying at 110°C ..... 10 %
Suitability as a mixed indicator for compexometry according to ACS ..... p/t.

Order code	Package	Units/Box st.
133066.1606	25 g	6

1,4-Naphthoquinone, 97% PS
$C_{10}H_6O_2$
M: 158,16 CAS: 130-15-4 EINECS: 204-977-6 NC: 2914 69 10 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger

H301-H330-H319-H335-H317
SPECIFICATIONS:
Minimum assay ..... 97 %
Identity ..... IR p/t.
Melting range ..... 120-124°C

Order code	Package	Units/Box st.
15A599.1209	250 g	6
15A599.1211	1000 g	6

1-Naphthylacetic Acid
(see 1-Naphthaleneacetic Acid)

1-Naphthylamine, 99% PS
$C_{10}H_9N$
M: 143,19 CAS: 134-32-7 EINECS: 205-138-7 NC: 2921 45 00 UN: 2077
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H302-H411
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 48-50°C

Order code	Package	Units/Box st.
15A612.1608	100 g	6
15A612.1610	500 g	6

1-Naphthyl Bromide
(see 1-Bromonaphthalene)

2-Naphthyl Bromide
(see 2-Bromonaphthalene)

N-(1-Naphthyl) Ethylenediamine Dihydrochloride PA-ACS
$C_{12}H_{16}Cl_2N_2$
M: 259,18 CAS: 1465-25-4 EINECS: 215-981-2 NC: 2921 59 90
SPECIFICATIONS:
Minimum assay (Arg.) calc. a.d.s. ..... 98,0 %
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Sensitivity to sulphanilamide ..... p/t.
Water (H_2O) ..... 5 %

Order code	Package	Units/Box st.
132751.1604	5 g	6
132751.1606	25 g	6

Natural Black 1
(see Hematoxylin)

Natural Carminic Acid
(see Cochineal)

Natural Red 4
(see Cochineal)

Natural Red 28
(see Orcein)

Natural Yellow 3
(see Curcumin)

NBS
(see N-Bromosuccinimide)

Neocuproin PA
for determination of copper
$C_{14}H_{12}N_2$
M: 208,26 CAS: 484-11-7 EINECS: 207-601-9 NC: 2933 99 90
SPECIFICATIONS:
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,2 %
Loss on drying at 120°C ..... 5 %
Residue on ignition (as SO_4) ..... 0,2 %
Sensitivity to Cu ..... p/t.

Order code	Package	Units/Box st.
121662.1603	1 g	6
121662.1604	5 g	6

NEODYMIUM SOLUTIONS
(see Standards for ICP)

Nessler's Reagent RE
for determination of ammonia and ammonia salts
NC: 3822 00 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger

H300-H314-H372-H412
1l~1,272kg 1kg~0,786l
Composition:
Mercury(II) Iodide ..... 100 g
Potassium Iodide ..... 70 g
Sodium Hydroxide ..... 160 g
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
171581.1209	250 ml	6

Nessler's Reagent A RE
for determination of ammonia and ammonia salts
NC: 3822 00 00 UN: 3287
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 603 CAO: 604
Signal Word: Danger

H330-H310-H300-H373-H411
1l~1,25kg 1kg~0,80l
Composition:
Mercury(II) Iodide ..... 150 g
Potassium Iodide ..... 110 g
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
174230.1608	100 ml	6

Nessler's Reagent B RE
for determination of ammonia and ammonia salts
NC: 3822 00 00 UN: 1719
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger

H314
1l~1,30kg 1kg~0,77l
Composition:
Sodium Hydroxide ..... 250 g
Water s.q.m ..... 1 l

Order code	Package	Units/Box st.
174231.1208	100 ml	6

Neutral Red (C.I. 50040) PA
pH indicator 6,8 red; 8,0 yellow orange
$C_{15}H_{17}ClN_4$
M: 288,78 CAS: 553-24-2 EINECS: 209-035-8 NC: 3204 13 00
Signal Word: Warning

H302
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in ethanol 50% ..... 538-544 nm
A 1%, 1cm, λmax (calc. a.d.s.) 900
T.L.C. ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
red 6,8
yellow-orange 8,0
Loss on drying at 135°C ..... 12 %

Order code	Package	Units/Box st.
121619.1605	10 g	6
121619.1606	25 g	6

Neutral Red (C.I. 50040) DC
for microscopy, Koch's bacilli staining
$C_{15}H_{17}ClN_4$
M: 288,78 CAS: 553-24-2 EINECS: 209-035-8 NC: 3204 13 00
Signal Word: Warning

H302
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in ethanol 50% ..... 538-544 nm
A 1%, 1cm, λmax (calc. a.d.s.) 900
Ratio λmax. P ± 15 nm 1,00-1,12
T.L.C. ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C ..... 12 %

Order code	Package	Units/Box st.
251619.1605	10 g	6
251619.1606	25 g	6

Neutral Red solution 0,1% RV
pH indicator 6,8 red; 8,0 yellow orange
$C_{15}H_{17}ClN_4$
M: 288,78 NC: 3822 00 00
1l~0,982kg 1kg~1,018l
Composition:
Neutral red ..... 1 g
Ethanol absolute ..... 150 ml
Water ..... 950 ml

Order code	Package	Units/Box st.
281620.1208	100 ml	6

Niacin
(see Nicotinic Acid)

Nickel metal, balls (Reag. USP) PA
Ni
M: 58,71 CAS: 7440-02-0 EINECS: 231-111-4 NC: 7508 90 00
Signal Word: Warning

H351-H317-H372
SPECIFICATIONS:
Minimum assay ..... 99,5 %
MAXIMUM LIMIT OF IMPURITIES
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
124280.1208	100 g	6

NICKEL SOLUTIONS
(see Standards for Atomic Absorption and ICP)

Nickel(II) Acetate 4-hydrate PA
$Ni(CH_3COO)_2.4H_2O$
M: 248,86 CAS: 6018-89-9 EINECS: 206-761-7 NC: 2915 29 00
Signal Word: Danger

H350i-H360D-H332-H302-H334-H317-H372-H341-H410
SPECIFICATIONS:
Minimum assay (Compl.) ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,02 %
Ca ..... 0,01 %
Co ..... 0,1 %
Cu ..... 0,005 %
Fe ..... 0,002 %
K ..... 0,05 %
Mg ..... 0,005 %
Na ..... 0,05 %
Pb ..... 0,003 %
Zn ..... 0,005 %

Order code	Package	Units/Box st.
121441.1209	250 g	6
121441.1211	1000 g	6

Nickel(II) Acetate 4-hydrate PRS

$Ni(CH_3COO)_2.4H_2O$

M: 248,86 CAS: 6018-89-9 EINECS: 206-761-7 NC: 2915 29 00

Signal Word: Danger



H350i-H360D-H332-H302-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay(Compl.)	98 %
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Fe	0,005 %
Pb	0,005 %
Zn	0,1 %

Order code	Package	Units/Box st.
141441.1209	250 g	6
141441.0914	5 kg	

Nickel-Aluminium alloy according to Raney PS

CAS: 12003-78-0 EINECS: 234-439-6 NC: 7601 20 99 UN: 3089

IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417

Signal Word: Danger



H261-H351-H317

SPECIFICATIONS:

Assay (Al)	~50 %
Assay (Ni)	~50 %

Order code	Package	Units/Box st.
15A707.1209	250 g	6
15A707.1211	1000 g	6

Nickel(II) Carbonate Basic

(see Nickel(II) Hydroxide Carbonate x-hydrate)

Nickel(II) Chloride 6-hydrate PA

$NiCl_2.6H_2O$

M: 237,71 CAS: 7791-20-0 EINECS: 231-743-0 NC: 2827 35 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360D-H331-H301-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.)	98,0 %
pH of 5% solution	≥3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Sulphate (SO_4)	0,02 %
Ca	0,005 %
Cd	0,002 %
Co	0,01 %
Cu	0,005 %
Fe	0,001 %
K	0,01 %
Na	0,05 %
Pb	0,003 %
Zn	0,005 %

Order code	Package	Units/Box st.
121443.1209	250 g	6
121443.1211	1000 g	6
121443.0416	25 kg	

Nickel(II) Chloride 6-hydrate PRS

$NiCl_2.6H_2O$

M: 237,71 CAS: 7791-20-0 EINECS: 231-743-0 NC: 2827 35 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360D-H332 - H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	≥3
Insoluble matter in H_2O	0,025 %
Sulphate (SO_4)	0,05 %
Ca	0,03 %
Cu	0,01 %
Fe	0,005 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
141443.1209	250 g	6
141443.1211	1000 g	6
141443.1214	5 kg	4
141443.0416	25 kg	

Nickel(II) Hydroxide Carbonate x-hydrate PRS

$NiCO_3.2Ni(OH)_2.xH_2O$

M: 304,15(anh) CAS: 39430-27-8 EINECS: 235-715-9 NC: 2836 99 17

Signal Word: Danger



H350i-H360D-H332 - H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (as Ni)(Compl.)	47-51 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,1 %
Co	0,1 %
Cu	0,005 %
Fe	0,01 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
141442.1209	250 g	6
141442.0914	5 kg	
141442.0416	25 kg	

Nickel(II) Nitrate 6-hydrate PA

$Ni(NO_3)_2.6H_2O$

M: 290,81 CAS: 13478-00-7 EINECS: 236-068-5 NC: 2834 29 20 UN: 2725

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H350i-H360D-H272-H332-H302-H315-H318-H334-H317-H372-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.)	99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,05 %
Ca	0,1 %
Cd	0,002 %
Co	0,2 %
Cu	0,005 %
Fe	0,002 %
K	0,01 %
Na	0,05 %
Pb	0,003 %
Zn	0,03 %

Order code	Package	Units/Box st.
121444.1209	250 g	6
121444.1211	1000 g	6
121444.1214	5 kg	4

Nickel(II) Nitrate 6-hydrate PRS

$Ni(NO_3)_2.6H_2O$

M: 290,81 CAS: 13478-00-7 EINECS: 236-068-5 NC: 2834 29 20 UN: 2725

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H350i-H360D-H272-H332-H302-H315-H318-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,03 %
Ca	0,2 %
Fe	0,005 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
141444.1209	250 g	6
141444.1211	1000 g	6
141444.1214	5 kg	4
141444.0416	25 kg	

Nickelous

(see Nickel(II) compounds)

Nickel Oxide black PRS

CAS: 1313-99-1 EINECS: 215-215-7 NC: 2825 40 00

Signal Word: Danger



H350i-H317-H372-H413

SPECIFICATIONS:

Assay (as Ni)(Compl.)	75 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,02 %
Co	0,1 %
Cu	0,01 %
Fe	0,01 %
Pb	0,01 %
Zn	0,05 %

Mixture of aprox. 50% Ni_2O_3 + 50% NiO.

Order code	Package	Units/Box st.
142730.1209	250 g	6
142730.1211	1000 g	6

Nickel-Raney Catalyst

(see Nickel-Aluminium alloy according to Raney)

Nickel(II) Sulphate 6-hydrate PA-ACS

$NiSO_4.6H_2O$

M: 262,86 CAS: 10101-97-0 EINECS: 232-104-9 NC: 2833 24 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H350i-H360D-H332-H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,001 %
Ca	0,005 %
Cd	0,001 %
Co	0,002 %
Cu	0,002 %
Fe	0,001 %
K	0,01 %
Mg	0,005 %
Mn	0,002 %
Na	0,05 %
Pb	0,002 %
Zn	0,002 %

Order code	Package	Units/Box st.
131445.1209	250 g	6
131445.1211	1000 g	6
131445.1214	5 kg	4
131445.0416	25 kg	

Nickel(II) Sulphate 6-hydrate PRS

$NiSO_4.6H_2O$

M: 262,86 CAS: 10101-97-0 EINECS: 232-104-9 NC: 2833 24 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H350i-H360D-H332-H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	99-102 %
Insoluble matter in H_2O	0,025 %
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,02 %
Co	0,05 %
Cu	0,01 %
Fe	0,005 %
Zn	0,006 %

Order code	Package	Units/Box st.
141445.1209	250 g	6
141445.1211	1000 g	6
141445.1214	5 kg	4
141445.0416	25 kg	

Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_5NO_2$

M: 123,11 CAS: 59-67-6 EINECS: 200-441-0 NC: 2936 29 90

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	99,5-100,5%
Identity according to Pharmacopoeias	p/t.
Melting range	234-238°C

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	1,0 %
Residue on ignition (as SO_4)	0,1 %
Organic volatile impurities	p/t.
Related substances	p/t.
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,02 %
Heavy metals (as Pb)	0,002 %

Order code	Package	Units/Box st.
143389.1209	250 g	6
143389.1214	5 kg	4

Nicotinic Acid, 99% PS

$C_6H_5NO_2$

M: 123,11 CAS: 59-67-6 EINECS: 200-441-0 NC: 2936 29 90

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
Identity	IR p/t.
Melting range	234-238°C

Order code	Package	Units/Box st.
163389.1209	250 g	6

Nicotinic Acid Methyl Ester

(see Methyl Nicotinate)

Nigrosine water soluble (C.I. 50420) DC

for microscopy

CAS: 8005-03-6 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in C_2H_5OH 50%	570-580 nm
A 1%, 1 cm, λmax	>200
Ratio λmax. P ±15 nm	0,93-1,00
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	15 %

Order code	Package	Units/Box st.
254419.1606	25 g	6

Nile Blue A Chloride (C.I. 51180) DC

$C_{20}H_{20}ClN_3O$

M: 353,85 CAS: 2381-85-3 EINECS: 219-181-4 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in ethanol 50%	635-645 nm
A 1%; 1 cm; λmax	>1800
Ratio λmax. P± 15 nm	0,98-1,10
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	5 %

Order code	Package	Units/Box st.
254968.1606	25 g	6

Ninhydrin PA-ACS

$C_9H_6O_4$

M: 178,15 CAS: 485-47-2 EINECS: 207-618-1 NC: 2914 40 90

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Identity	IR p/t.
Identification and melting point	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	p/t.
Residue on ignition (as SO_4)	0,1 %
Sensitivity to aminoacids	p/t.

Order code	Package	Units/Box st.
132362.1605	10 g	6
132362.1608	100 g	6
132362.1611	1000 g	6

Ninhydrin in 2-propanol, TLC developer RE

$C_9H_6O_4$

M: 178,15 NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336
1l~0,785kg 1kg~1,274l
Composition:
Ninhydrin ..... 0,2 g
2-Propanol ..... 100 ml

Order code	Package	Units/Box st.
174255.1608	100 ml	6

NIOBIUM SOLUTIONS

(see Standards for ICP)

NITRATE SOLUTION

(see Standards for Ionic Chromatography)

Nitric Acid fuming (Reag. Ph. Eur.) PA

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2032
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
Signal Word: Danger



H272-H314
1l~1,502kg 1kg~0,666l
SPECIFICATIONS:
Minimum assay (Acidim.) ..... 90,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,002 %
Chloride (Cl) ..... 0,00007 %
Sulphate (SO_4) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00003 %
Fe ..... 0,0002 %

Order code	Package	Units/Box st.
121038.2411	1000 ml	6

Nitric Acid fuming PS

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2032
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
Signal Word: Danger



H272-H314
1l~1,502kg 1kg~0,666l
SPECIFICATIONS:
Minimum assay (Acidim.) ..... 99,5 %

Order code	Package	Units/Box st.
161038.2411	1000 ml	6

Nitric Acid 69% (TMA) HIPERPUR-PLUS

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H272-H314
1l~1,411kg 1kg~0,709l
SPECIFICATIONS:
Assay (Acidim.) ..... 67-69 %
MAXIMUM LIMIT OF IMPURITIES
Metals by ICP (ppt)

Ag 10	Hf 10	Ru 20
Al 20	Hg 50	Sb 10
As 20	Ho 1	Sc 10
Au 20	In 1	Sm 1
B 10	K 10	Sn 20
Ba 10	La 1	Sr 10
Be 10	Li 10	Tb 1
Bi 10	Lu 1	Te 1
Ca 10	Mg 10	Th 1
Cd 10	Mn 10	Ti 10
Ce 10	Mo 10	Tl 10
Co 10	Na 10	Tm 1
Cr 10	Nb 1	U 1
Cs 10	Nd 1	V 10
Cu 10	Ni 20	W 10
Dy 1	Pb 10	Y 1
Er 1	Pd 20	Yb 1
Eu 1	Pr 1	Zn 10
Fe 10	Pt 20	Zr 10
Ga 10	Rb 10	
Gd 1	Re 10	
Ge 10	Rh 10	

Analysis Type:

Ag 2	Ho 0,01	Sm 0,01
Al 10	In 1	Sn 10
As 10	K 5	Sr 1
Au 10	La 0,05	Ta 10
B 10	Li 1	Tb 0,01
Ba 1	Lu 0,01	Te 1
Be 5	Mg 5	Th 0,05
Bi 0,1	Mn 2	Ti 10
Ca 10	Mo 1	Tl 0,1
Cd 1	Na 5	Tm 0,01
Ce 0,05	Nb 1	U 0,01
Co 1	Nd 0,05	V 1
Cr 10	Ni 10	W 5
Cs 0,05	Pb 1	Y 1
Cu 3	Pd 10	Yb 0,01
Dy 0,01	Pr 0,05	Zn 5
Er 0,01	Pt 1	Zr 1
Eu 0,01	Rb 1	
Fe 10	Re 1	
Ga 1	Rh 1	
Gd 0,01	Ru 10	
Ge 1	Sb 10	
Hf 0,05	Sc 1	
Hg 20	Se 20	

Order code	Package	Units/Box st.
711037.0009	250 ml	6
711037.0010	500 ml	6

Nitric Acid 69% (TMA) HIPERPUR

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314-H272

1l~1,411kg 1kg~0,709l

SPECIFICATIONS:

Assay (Acidim.)	67-69 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Chloride (Cl)	0,00002 %
Total sulphur	0,00003 %
Total phosphorus	0,000001 %

Metals by ICP (ppb)

Ag 0,1	Ge 0,1	Re 0,1
Al 1	Hf 0,1	Rh 0,5
As 0,5	Hg 0,1	Ru 0,5
Au 0,1	Ho 0,1	Sb 0,5
B 1	In 0,1	Sc 0,1
Ba 0,1	K 1	Se 1
Be 0,1	La 0,1	Sm 0,1
Bi 0,1	Li 0,1	Sn 0,5
Ca 1	Lu 0,1	Sr 0,1
Cd 0,5	Mg 1	Tb 0,1
Ce 0,1	Mn 0,1	Te 0,1
Co 0,5	Mo 0,1	Th 0,1
Cr 1	Na 1	Ti 0,5
Cs 0,1	Nb 0,1	Tl 0,1
Cu 0,5	Nd 0,1	Tm 0,1
Dy 0,1	Ni 0,5	U 0,1
Er 0,1	Pb 0,1	V 0,5
Eu 0,1	Pd 0,5	W 0,1
Fe 1	Pr 0,1	Y 0,1
Ga 0,1	Pt 0,5	Yb 0,1
Gd 0,1	Rb 0,1	Zn 0,5
		Zr 0,1

Analysis Type:

Ag 0,1	Hf 0,1	Ru 0,1
Al 0,5	Hg 0,02	Sb 0,1
As 0,1	Ho 0,1	Sc 0,1
Au 0,1	In 0,1	Se 0,1
B 0,5	K 0,2	Sm 0,1
Ba 0,1	La 0,1	Sn 0,1
Be 0,1	Li 0,1	Sr 0,1
Bi 0,1	Lu 0,1	Ta 0,1
Ca 0,5	Mg 0,2	Tb 0,1
Cd 0,1	Mn 0,1	Te 0,1
Ce 0,1	Mo 0,1	Th 0,1
Co 0,1	Na 0,2	Ti 0,1
Cr 0,5	Nb 0,1	Tl 0,1
Cs 0,1	Nd 0,1	Tm 0,1
Cu 0,1	Ni 0,1	U 0,1
Dy 0,1	Pb 0,1	V 0,1
Er 0,1	Pd 0,1	W 0,1
Eu 0,1	Pr 0,1	Y 0,1
Fe 0,5	Pt 0,1	Yb 0,1
Ga 0,1	Rb 0,1	Zn 0,2
Gd 0,1	Re 0,1	Zr 0,1
Ge 0,1	Rh 0,1	

Order code	Package	Units/Box st.
721037.0010	500 ml	6
721037.0011	1000 ml	6
721037.0012	2,5 l	4

Nitric Acid 69% (VLSI) EG

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314-H272

1l~1,411kg 1kg~0,709l

SPECIFICATIONS:

Assay	69,0-70,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,00005 %
Sulphate (SO_4)	0,00005 %
0,5 µm particles	250 /ml

Metals by ICP [µ g/Kg (ppb)]

Ag 10	Cr 20	Ni 10
Al 20	Cu 10	Pb 20
As 5	Fe 100	Sb 5
Au 10	Ga 20	Sn 20
B 10	K 50	Sr 20
Ba 10	Li 10	Ti 20
Bi 20	Mg 50	V 10
Ca 100	Mn 10	Zn 50
Cd 10	Mo 20	
Co 10	Na 100	

Order code	Package	Units/Box st.
871037.1212	2,5 l (P)	4

Nitric Acid 69% PA-ACS-ISO

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314-H272

1l~1,411kg 1kg~0,709l

SPECIFICATIONS:

Assay (Acidim.)	68,0-70,0 %
Density at 20/4	1,410-1,420

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,0001 %
Nitrite (NO_2)	0,0005 %
Sulphate (SO_4)	0,0001 %
Heavy metals (as Pb)	0,00002 %
As	0,000001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Fe 0,2	Pb 0,02
Al 0,1	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,02	In 0,05	Sn 0,05
Be 0,02	K 0,1	Sr 0,02
Bi 0,05	Li 0,02	Ti 0,05
Ca 0,5	Mg 0,1	Tl 0,02
Cd 0,01	Mn 0,01	V 0,02
Co 0,02	Mo 0,02	Zn 0,05
Cr 0,1	Na 0,5	Zr 0,05
Cu 0,01	Ni 0,05	

Order code	Package	Units/Box st.
131037.1611	1000 ml	6
131037.2211	1000 ml	6
131037.1612	2,5 l	4
131037.2212	2,5 l	4
131037.1214	5 l (P)	4
131037.0816	25 l (P)	
131037.0817	50 l (P)	

Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314-H272

1l~1,411kg 1kg~0,709l

SPECIFICATIONS:

Assay (Acidim.)	69,0-70,0 %
Identity according to Pharmacopoeias	p/t.
Density at 20/4	1,410 - 1,420

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Clarity and colour	p/t.
Residue on ignition (as SO_4)	0,0005 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,00005 %
Sulphate (SO_4)	0,0001 %
Heavy metals (as Pb)	0,00002 %
As	0,000001 %
Cu	0,00002 %
Fe	0,00002 %
Pb	0,00002 %
Zn	0,00002 %

Order code	Package	Units/Box st.
141037.1611	1000 ml	6
141037.1612	2,5 l	4
141037.1214	5 l P	4
141037.0816	25 l P	
141037.0817	50 l P	

Nitric Acid 65% (TMA) ANALPUR

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,395kg 1kg~0,717l

SPECIFICATIONS:

Assay (Acidim.)	62-65 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,0002 %
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,000001 %
Sulphate (SO_4)	0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,001	Cu	0,005	Na	0,3
Al	0,02	Fe	0,1	Ni	0,01
As	0,001	Ga	0,005	Pb	0,005
Au	0,005	Ge	0,005	Sn	0,02
Ba	0,005	Hg	0,002	Sr	0,001
Be	0,001	In	0,002	Ti	0,001
Bi	0,005	K	0,05	Tl	0,001
Ca	0,1	Li	0,001	V	0,001
Cd	0,001	Mg	0,02	Zn	0,01
Co	0,001	Mn	0,002	Zr	0,001
Cr	0,02	Mo	0,001		

Order code	Package	Units/Box st.
383255.1609	250 ml	6

Nitric Acid 65% (max. 0,0000005% Hg) PA

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,395kg 1kg~0,717l

SPECIFICATIONS:

Assay (Acidim.)	63-65 %
Density at 20/4	≥1,39

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,0001 %
Nitrite (NO_2)	0,0005 %
Sulphate (SO_4)	0,0002 %
Heavy metals (as Pb)	0,00002 %
Hg	0,0000005%

Metals by ICP [mg/Kg (ppm)]

Ag	0,02	Cu	0,01	Pb	0,02
Al	0,05	Fe	0,2	Pt	0,1
As	0,01	Ga	0,05	Sb	0,02
Au	0,1	Ge	0,02	Si	0,1
B	0,05	In	0,05	Sn	0,05
Ba	0,02	K	0,1	Sr	0,02
Be	0,02	Li	0,02	Ti	0,05
Bi	0,05	Mg	0,1	Tl	0,02
Ca	0,5	Mn	0,01	V	0,02
Cd	0,01	Mo	0,02	Zn	0,05
Co	0,02	Na	0,5	Zr	0,05
Cr	0,1	Ni	0,05		

Order code	Package	Units/Box st.
473255.1611	1000 ml	6
473255.1612	2,5 l	4

Nitric Acid 65% PA-ISO

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,395kg 1kg~0,717l

SPECIFICATIONS:

Minimum assay (Acidim.)	65 %
Density at 20/4	≥1,39

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,0001 %
Nitrite (NO_2)	0,0005 %
Sulphate (SO_4)	0,0002 %
Heavy metals (as Pb)	0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,02	Cu	0,01	Ni	0,05
Al	0,1	Fe	0,2	Pb	0,02
As	0,01	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,02	Sb	0,02
B	0,05	Hg	0,1	Si	0,1
Ba	0,02	In	0,05	Sn	0,05
Be	0,02	K	0,1	Sr	0,02
Bi	0,05	Li	0,02	Ti	0,05
Ca	0,5	Mg	0,1	Tl	0,02
Cd	0,01	Mn	0,01	V	0,02
Co	0,02	Mo	0,02	Zn	0,05
Cr	0,1	Na	0,5	Zr	0,05

Order code	Package	Units/Box st.
133255.1611	1000 ml	6
133255.2211	1000 ml	6
133255.1612	2,5 l	4
133255.2212	2,5 l	4
133255.0816	25 l P	

Nitric Acid 65% PRS

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,395kg 1kg~0,717l

SPECIFICATIONS:

Assay (Acidim.)	65 %
Residue on ignition (as SO_4)	0,005 %
Chloride (Cl)	0,0005 %
Sulphate (SO_4)	0,001 %
As	0,000005 %
Cu	0,00005 %
Fe	0,0001 %
Pb	0,00005 %

Order code	Package	Units/Box st.
143255.1611	1000 ml	6
143255.1612	2,5 l	4
143255.1214	5 l P	4
143255.0816	25 l P	

Nitric Acid 65% QP

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,395kg 1kg~0,717l

SPECIFICATIONS:

Assay (Acidim.)	65 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %

Order code	Package	Units/Box st.
213255.1611	1000 ml	6
213255.1214	5 l P	4
213255.0716	25 l P	
213255.0718	60 l P	

Nitric Acid 53% PA

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,333kg 1kg~0,750l

SPECIFICATIONS:

Assay (Acidim.)	53-54 %
Density at 20/4	1,330-1,335

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO_4)	0,0005 %
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,00005 %
Phosphate (PO_4)	0,0001 %
Nitrite (NO_2)	0,0005 %
Sulphate (SO_4)	0,0002 %
Heavy metals (as Pb)	0,00002 %
As	0,000001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Fe 0,2	Pb 0,02
Al 0,05	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,02	In 0,05	Sn 0,05
Be 0,02	K 0,1	Sr 0,02
Bi 0,05	Li 0,02	Ti 0,05
Ca 0,5	Mg 0,1	Tl 0,02
Cd 0,01	Mn 0,01	V 0,02
Co 0,02	Mo 0,02	Zn 0,05
Cr 0,1	Na 0,5	Zr 0,05
Cu 0,01	Ni 0,05	

Order code	Package	Units/Box st.
121737.1611	1000 ml	6
121737.1612	2,5 l	4
121737.1214	5 l P	4
121737.0816	25 l P	
121737.0817	50 l P	

NITRIC ACID VOLUMETRIC SOLUTIONS

Nitric Acid 0,1 mol/l (0,1N) SV

Indicator: Methyl Red

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181040.1611	1000 ml	6

Nitric Acid 0,5 mol/l (0,5N) SV

Indicator: Methyl Red

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813
Signal Word: Warning



H319-H315

1l~1,019kg 1kg~0,981l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
182111.1611	1000 ml	6

Nitric Acid 1 mol/l (1N) SV

Indicator: Methyl Red

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813
Signal Word: Danger



H314

1l~1,036kg 1kg~0,965l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181039.1611	1000 ml	6

Nitric Acid 2 mol/l (2N) SV

Indicator: Methyl Red

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813
Signal Word: Danger



H314

1l~1,07kg 1kg~0,93l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
182112.1611	1000 ml	6

Nitric Acid 4 mol/l (4N) RV

for the chloride content determination in cheese and processed cheese products by potentiometric titration method according to ISO 5943:2004

HNO_3

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,140kg 1kg~0,877l

SPECIFICATIONS:

Titer	1,00±0,01

Order code	Package	Units/Box st.
286195.1611	1000 ml	6

Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS

$C_6H_9NO_6$

M: 191,14 CAS: 139-13-9 EINECS: 205-355-7 NC: 2926 90 95

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 98,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Insoluble matter in NH_4OH ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cu 10	Pb 10
Al 10	Fe 50	Sb 5
Ba 5	Ga 5	Sn 5
Be 5	In 5	Sr 5
Bi 5	Li 5	Ti 5
Ca 100	Mg 50	V 5
Cd 5	Mn 5	Zn 5
Co 5	Mo 5	
Cr 5	Ni 10	

Order code	Package	Units/Box st.
132346.1209	250 g	6

Nitrile tri-Acetic Acid PRS

$C_6H_9NO_6$

M: 191,14 CAS: 139-13-9 EINECS: 205-355-7 NC: 2926 90 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) ..... 98 %
Identity ..... IR p/t.
Insoluble matter in NH_4OH ..... 0,025 %
Residue on ignition (as SO_4) ..... 0,2 %
Cu ..... 0,002 %
Fe ..... 0,01 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142346.1208	100 g	6
142346.1209	250 g	6
142346.0914	5 kg	

Nitrile tri-Acetic Acid, 98% PS

$C_6H_9NO_6$

M: 191,14 CAS: 139-13-9 EINECS: 205-355-7 NC: 2926 90 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152346.1208	100 g	6
152346.1210	500 g	6

2,2',2"-Nitrilotriethanol

(see Triethanolamine)

NITRITE SOLUTION

(see Standards for Ionic Chromatography)

3-Nitroaniline, 98% PS

$NO_2C_6H_4NH_2$

M: 138,12 CAS: 99-09-2 EINECS: 202-729-1 NC: 2921 42 10 UN: 1661
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373-H412

SPECIFICATIONS:

Minimum assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 112-115°C

Order code	Package	Units/Box st.
15A921.1608	100 g	6
15A921.1610	500 g	6

4-Nitroaniline, 98% PS

$O_2NC_6H_4NH_2$

M: 138.13 CAS: 100-01-6 EINECS: 202-810-1 NC: 2921 42 10 UN: 1661
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373-H412

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A922.1608	100 g	6
15A922.1610	500 g	6

5-Nitroanthranilic Acid

(see 2-Amino-5-Nitrobenzoic Acid)

2-Nitrobenzaldehyde, 99% PS

$C_7H_5NO_3$

M: 151,12 CAS: 552-89-6 EINECS: 209-025-3 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A127.1606	25 g	6
15A127.1608	100 g	6

Nitrobenzene (Reag. Ph. Eur.) PA-ACS

$C_6H_5NO_2$

M: 123,11 CAS: 98-95-3 EINECS: 202-716-0 NC: 2904 20 00 UN: 1662
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H351-H372-H411-H361f

1l~1,203kg 1kg~0,831l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t
Density at 20/4 1,201-1,205
Freezing point ..... 5-6°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,005 %
1,2-Dinitrobenzene (G.C.) ..... 0,005 %
1,3-Dinitrobenzene (G.C.) ..... 0,005 %
1,4-Dinitrobenzene (G.C.) ..... 0,005 %
Acidity ..... 0,0004 meq/g
Water (H_2O) ..... 0,05 %
Chloride (Cl) ..... 0,0005 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
131447.1611	1000 ml	6
131447.1612	2,5 l	4
131447.1214	5 l	4

Nitrobenzene, 99% PS

$C_6H_5NO_2$

M: 123,11 CAS: 98-95-3 EINECS: 202-716-0 NC: 2904 20 00 UN: 1662
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H351-H372-H411-H361f

1l~1,203kg 1kg~0,831l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,201-1,205
Freezing point ..... 5-6°C
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
161447.1211	1000 ml	6
161447.1212	2,5 l	4
161447.1214	5 l	4

2-Nitrobenzyl Alcohol, 99% PS

$C_7H_7NO_3$

M: 153,14 CAS: 612-25-9 EINECS: 210-302-6 NC: 2906 29 00

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A145.1606	25 g	6
15A145.1608	100 g	6

4-Nitrobenzyl Bromide, 98% PS

$C_7H_6BrNO_2$

M: 216,04 CAS: 100-11-8 EINECS: 202-820-6 NC: 2904 90 40 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 98-100°C

Order code	Package	Units/Box st.
15A650.1606	25 g	6
15A650.1608	100 g	6

2-Nitrocinnamic Acid, 98% PS

$C_9H_7NO_4$

M: 193,16 CAS: 612-41-9 EINECS: 210-309-4 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C137.1606	25 g	6
15C137.1608	100 g	6

3-Nitrocinnamic Acid, 99% PS

$C_9H_7NO_4$

M: 193,16 CAS: 555-68-0 EINECS: 209-104-2 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C142.1606	25 g	6
15C142.1608	100 g	6

4-Nitrocinnamic Acid, 97% PS

$C_9H_7NO_4$

M: 193,16 CAS: 619-89-6 EINECS: 210-617-9 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C147.1606	25 g	6
15C147.1608	100 g	6

Nitroethane PRS

$CH_3CH_2NO_2$

M: 75,07 CAS: 79-24-3 EINECS: 201-188-9 NC: 2904 20 00 UN: 2842

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,046-1,050
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
146340.1611	1000 ml	6

NITROGEN SOLUTIONS

(see Standards for ICP and Ionic Chromatography)

5-Nitroindole, 98% PS

$C_8H_6N_2O_2$

M: 162,15 CAS: 6146-52-7 EINECS: 228-153-0 NC: 2933 99 90

Signal Word: Warning



H351

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A327.1604	5 g	6
15A327.1606	25 g	6

Nitromethane (Reag. USP, Ph. Eur.) PA-ACS

CH_3NO_2

M: 61,04 CAS: 75-52-5 EINECS: 200-876-6 NC: 2904 20 00 UN: 1261

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: P

Signal Word: Danger



H226-H302

1l~1,138kg 1kg~0,879l

SPECIFICATIONS:

Minimum assay (G.C) ..... 98,0 %
Identity ..... IR p/t.
Density at 20/20 1,132-1,134
Refractive Index n ^{20}/D 1,381-1,383
Boiling range (>95% dist.) ..... 100-103°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... p/t.
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
131970.1611	1000 ml	6
131970.1214	5 l	4
131970.0716	25 l	

Nitromethane, 98% PS

CH_3NO_2

M: 61,04 CAS: 75-52-5 EINECS: 200-876-6 NC: 2904 20 00 UN: 1261

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: P

Signal Word: Danger



H226-H302

1l~1,138kg 1kg~0,879l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,135-1,140
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161970.1609	250 ml	6
161970.1611	1000 ml	6

2-Nitrophenol, 98% PS

$C_6H_5NO_3$

M: 139,11 CAS: 88-75-5 EINECS: 201-857-5 NC: 2908 99 90 UN: 1663

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H332-H312-H302-H373

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 43-45°C

Order code	Package	Units/Box st.
15A636.1609	250 g	6

3-Nitrophenol, 98% PS

$C_6H_5NO_3$

M: 139,11 CAS: 554-84-7 EINECS: 209-073-5 NC: 2908 99 90 UN: 1663

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H332-H312-H302-H373

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A406.1605	10 g	6
15A406.1607	50 g	6

4-Nitrophenol PA

pH indicator 5,0 colourless; 7,6 yellow
$C_6H_5NO_3$
M: 139,11 CAS: 100-02-7 EINECS: 202-811-7 NC: 2908 99 90 UN: 1663
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger


H332-H312-H302-H373

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 112-115°C
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
colourless 5,0
yellow 7,6
Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %

Order code	Package	Units/Box st.
122031.1606	25 g	6
122031.1608	100 g	6

4-Nitrophenol, 98% PS

$C_6H_5NO_3$
M: 139,11 CAS: 100-02-7 EINECS: 202-811-7 NC: 2908 99 90 UN: 1663
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger


H332-H312-H302-H373

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 112-115°C

Order code	Package	Units/Box st.
162031.1609	250 g	6

4-(4-Nitrophenylazo)-Resorcinol

(see Magneson I)

4-Nitrophenyl Chloroformate, 95% PS

$C_7H_4ClNO_4$
M: 201,57 CAS: 7693-46-1 EINECS: 231-706-9 NC: 2915 90 20 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger


H314

SPECIFICATIONS:
Minimum assay ..... 95 %

Order code	Package	Units/Box st.
15A136.1604	5 g	6
15A136.1608	100 g	6

5-Nitrosalicylaldehyde, 98% PS

$C_7H_5NO_4$
M: 167,12 CAS: 97-51-8 EINECS: 202-587-0 NC: 2913 00 00
Signal Word: Warning


H302-H319-H335-H315

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C007.1604	5 g	6
15C007.1606	25 g	6

1-Nitroso-2-Naphthol (C.I. 10005) PA

Co reagent
$C_{10}H_6(OH)NO$
M: 173,17 CAS: 131-91-9 EINECS: 205-043-0 NC: 2908 99 90
SPECIFICATIONS:
Minimum assay (HPLC) ..... 98 %
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3COOH ..... p/t.
Sensitivity to Co ..... p/t.

Order code	Package	Units/Box st.
121093.1606	25 g	6

α-Nitroso-β-Naphthol

(see 1-Nitroso-2-Naphthol)

1-Nitroso-2-Naphthol-3,6-Disulphonic Acid Disodium Salt

(see Nitroso R Salt)

Nitroso R Salt PA

Co reagent
$C_{10}H_5NNa_2O_8S_2$
M: 377,26 CAS: 525-05-3 EINECS: 208-369-1 NC: 2908 99 90
Signal Word: Warning


H332-H312-H302

SPECIFICATIONS:
Minimum assay (HPLC) ..... 95,0 %
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 1 %
Sensitivity to Co ..... p/t.

Order code	Package	Units/Box st.
122753.1606	25 g	6
122753.1608	100 g	6

N-Nitrosophenylhydroxylamine Ammonium Salt

(see Cupferron)

4-Nitro-o-Toluidine

(see 2-Methyl-4-Nitroaniline)

Nitrous Acid Ethyl Ester

(see Ethyl Nitrite)

Nitrous Acid Isobutyl Ester

(see Isobutyl Nitrite)

Nitrous R Salt

(see Nitroso R Salt)

NMM

(see N-Methylmorpholine)

NMP

(see 1-Methyl-2-Pyrrolidone)

NMR, Tubes

(see Tubes NMR)

Nonyl Bromide

(see 1-Bromononane)

NTA

(see Nitrile tri-Acetic Acid)

Octadecanoic Acid

(see Stearic Acid)

Octadecanoic Acid Magnesium Salt

(see Magnesium Stearate)

Octadecanoic Acid Methyl Ester

(see Methyl Stearate)

1-Octadecanol

(see Stearyl Alcohol)

Octadecyl Alcohol

(see Stearyl Alcohol)

n-Octane, 99% PS

C_8H_{18}
M: 114,23 CAS: 111-65-9 EINECS: 203-892-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H304-H336-H410

1l~0,703kg 1kg~1,422l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,701-0,705
Water (H_2O) ..... 0,02 %

Order code	Package	Units/Box st.
163520.1609	250 ml	6
163520.1611	1000 ml	6
163520.1714	5 l	4

iso-Octane

(see Isooctane)

1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography
$C_8H_{17}NaO_3S$
M: 216,28 CAS: 5324-84-5 EINECS: 226-195-4 NC: 2904 10 00
Signal Word: Warning



H319-H315

SPECIFICATIONS:
Minimum assay (Acidim.) calc. a.d.s ..... 99,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O) ..... 2 %
UV Spectrum 0,005 mol/l solution
UV Spectrum (1 cm cell. Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
363995.1604	5 g	6
363995.1605	10 g	6

Octanoic Acid PRS

CH_3-$(CH_2)_6$-COOH
M: 144,21 CAS: 124-07-2 EINECS: 204-677-5 NC: 2915 90 80 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:
Assay (Acidim.) calc. a.d.s. 99,0-100,5%
Density at 20/20 0,909-0,912
Residue on ignition (as SO_4) ..... 0,05 %
Iodine value 2
Water (H_2O) ..... 0,3 %
As ..... 0,0001 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
142786.1611	1000 ml	6
142786.1214	5 l	4

Octanoic Acid (RFE, BP, Ph. Eur.) CODEX

$C_8H_{16}O_2$
M.= 144,21 CAS [124-07-2] EINECS 204-677-5 NC: 2915 90 00
E -570 RTECS: RH 0175000 LD_{50} oral rat 10080 mg/Kg
UN: 3265 ADR: 8/III IMDG: 8/III IATA: 8/III PAX: 818 CAO: 820 (E)
Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:
Assay (Acidim.) calc. a.d.s. 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 0,909-0,912

MAXIMUM LIMIT OF IMPURITIES
Appearance:
Clear ..... ≤Reference suspension I or ≤3NTU
Color ..... ≤Reference solution Y_5
Residue on ignition (as SO_4) ..... 0,1 %
Related substances (G.C.) .....
Individual peak ..... 0,3 %
Total ..... 0,5 %
Water (H_2O) ..... 0,7 %
Heavy metals (as Pb) ..... 10 ppm
Residual metals ICP: (as EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm
Residual solvents (Ph.Eur.6.0): excluded by manufacturing process.

Order code	Package	Units/Box st.
192786.1214	5 l	4
192786.0716	25 l	

Octanoic Acid (E-570, F.C.C.) ADITIO

CH_3-$(CH_2)_6$-COOH
M: 144,21 CAS: 124-07-2 EINECS: 204-677-5 NC: 2915 90 80 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:
Assay (G.C.), not less than ..... 98 %
Solidification point ..... 8-15°C
Residue on ignition, not more than ..... 0,1 %
Unsaponifiable matter, not more than ..... 0,2 %
Acidity value 366-396
Saponification value 366-398
Iodine value, not more than 2,0
Water, not more than ..... 0,2 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 0,1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202786.1214	5 l	4

Octanoic Acid, 99% PS

CH_3-$(CH_2)_6$-COOH
M: 144,21 CAS: 124-07-2 EINECS: 204-677-5 NC: 2915 90 80 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,909-0,911

Order code	Package	Units/Box st.
162786.1611	1000 ml	6
162786.1214	5 l	4
162786.0716	25 l	

Octanoic Acid Chloride

(see Octanoyl Chloride)

Octanoic Acid Methyl Ester

(see Methyl Octanoate)

1-Octanol (Reag. USP) PA-ACS

$C_8H_{18}O$
M: 130,23 CAS: 111-87-5 EINECS: 203-917-6 NC: 2905 16 80 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H319-H315

1l~0,825kg 1kg~1,212l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,824-0,826

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,004 %
Acidity ..... 0,0002 meq/g
Water (H_2O) ..... 0,1 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
133386.1610	500 ml	6

1-Octanol, 99% PS

$C_8H_{18}O$

M: 130,23 CAS: 111-87-5 EINECS: 203-917-6 NC: 2905 16 80 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H319-H315

1l~0,825kg 1kg~1,212l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,824-0,826
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
163386.1611	1000 ml	6
163386.1612	2,5 l	4
163386.1214	5 l	4

Octanoyl Chloride, 98% PS

$C_8H_{15}ClO$

M: 162,66 CAS: 111-64-8 EINECS: 203-891-6 NC: 2915 90 80 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



EUH014-H314-H302-H335

1l~0,951kg 1kg~1,051l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,946-0,951

Order code	Package	Units/Box st.
15A844.1608	100 ml	6
15A844.1610	500 ml	6

1-Octene, 97% PS

C_8H_{16}

M: 112,22 CAS: 111-66-0 EINECS: 203-893-7 NC: 2901 29 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,715kg 1kg~1,398l

SPECIFICATIONS:

Minimum assay (G.C.)	97 %
Identity	IR p/t.
Density at 20/4	0,714-0,716
Water (H_2O)	0,02 %

Order code	Package	Units/Box st.
15A614.1609	250 ml	6
15A614.1611	1000 ml	6

iso-Octyl Alcohol

(see 2-Ethyl-1-Hexanol)

Oenanthic Acid

(see Heptanoic Acid)

OIL STANDARD

(see Standard for Oils)

Oleic Acid (USP) PRS-CODEX

$C_{18}H_{34}O_2$

M: 282,47 CAS: 112-80-1 EINECS: 204-007-1 NC: 3823 12 00
Signal Word: Warning



H319-H335-H315

1l~0,890kg 1kg~1,123l

SPECIFICATIONS:

Density at 25/25	0,889-0,895
Identity	IR p/t.
Freezing point	3-10°C
Acidity value	196-204
Iodine value	85-95

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,01 %
Mineral acids	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Neutral fats or mineral oil	p/t.

Animal origin.
Non-added stabilizers.

Order code	Package	Units/Box st.
142659.1611	1000 ml	6
142659.1214	5 l	4
142659.0716	25 l	

Orange II (C.I. 15510) PA

$C_{16}H_{11}N_2NaO_4S$

M: 350,33 CAS: 633-96-5 EINECS: 211-199-0 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in H_2O	484-487 nm
A 1%, 1cm, λmax	>450
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	5 %
Cu	0,005 %
Fe	0,01 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
121814.1606	25 g	6
121814.1608	100 g	6

Orange II (C.I. 15510) DC

for microscopy and histology
$C_{16}H_{11}N_2NaO_4S$

M: 350,33 CAS: 633-96-5 EINECS: 211-199-0 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in H_2O	484-487 nm
A 1%, 1cm, λmax	>450
Ratio λmax. P± 15 nm	0,93-0,98
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	5 %

Order code	Package	Units/Box st.
251814.1606	25 g	6

Orange G (C.I. 16230) PA

for microscopy
$C_{16}H_{10}N_2Na_2O_7S_2$

M: 452,36 CAS: 1936-15-8 EINECS: 217-705-6 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in H_2O	476-481
A 1%, 1 m, λmax	>380
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	15 %

Order code	Package	Units/Box st.
123596.1606	25 g	6

Orcein DC

for microscopy, chromosome staining

CAS: 1400-62-0 EINECS: 215-750-6 NC: 3203 00 10

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in NaOH 0,01 mol/l	575-580 nm
A 1%, 1 cm, λmax	>500
Ratio λmax. P ± 15 nm	0,98-1,18
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Heavy metals (as Pb)	0,001 %
As	0,0001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,005 %
Hg	0,0001 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Se	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
251324.1604	5 g	6
251324.1606	25 g	6

ORCEIN SOLUTIONS

Orcein solution A hydroacetic-hydrochloric solution DC

for microscopy, chromosome staining

NC: 3203 00 10 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,062kg 1kg~0,942l

Composition:

Orcein	2,0 g
Acetic Acid	45,8 ml
Hydrochloric Acid 1 mol/l	8,3 ml
Water	45,8 ml

Order code	Package	Units/Box st.
251993.1208	100 ml	6
251993.1209	250 ml	6

Orcein solution B hydroacetic solution DC

for microscopy, chromosome staining

NC: 3203 00 10 UN: 1760

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l~1,065kg 1kg~0,939l

Composition:

Orcein ..... 2,0 g
Acetic Acid ..... 55 ml
Water ..... 55 ml

Order code	Package	Units/Box st.
251994.1208	100 ml	6
251994.1209	250 ml	6

Orcinol

(see 3,5-Dihydroxytoluene 1-hydrate)

L-Ornithine Hydrochloride, 99% PS

$C_5H_{12}N_2O_2.HCl$

M: 168,62 CAS: 3184-13-2 EINECS: 221-678-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A356.1606	25 g	6
15A356.1608	100 g	6

Osmic Acid

(see Osmium(VIII) Oxide)

OSMIUM SOLUTION

(see Standards for ICP)

Osmium(VIII) Oxide PA-ACS

OsO_4

M: 254,20 CAS: 20816-12-0 EINECS: 244-058-7 NC: 2843 90 90 UN: 2471

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 608 CAO: 608

Signal Word: Danger



H330-H310-H300-H314

SPECIFICATIONS:

Minimum assay ..... 99,8 %
Identity ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.

Order code	Package	Units/Box st.
132901.0201	0,1 g	6
132901.0202	0,5 g	6
132901.0203	1 g	6

Osmium(VIII) Oxide solution 4% DC

for electron microscopy

OsO_4

M: 254,20 CAS: 20816-12-0 EINECS: 244-058-7 NC: 3822 00 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H331-H311-H301-H319-H315

1l~1,03kg 1kg~0,97l

Composition:

Osmium(VIII) Oxide ..... 40 g
Water s.q.m. ..... 1000 ml

Order code	Package	Units/Box st.
255793.1604	5 ml	6

Osmium Tetroxide

(see Osmium(VIII) Oxide)

Oxalic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$(COOH)_2.2H_2O$

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) 99,5-102,5%
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,01 %
Darkened substances by H_2SO_4 ..... p/t.
Nitrogen compounds (as N) ..... 0,001 %
Chloride (Cl) ..... 0,0005 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag	2	Cu	5	Pb	5
Al	2	Fe	2	Sb	2
Au	2	Ga	2	Si	5
B	2	Ge	2	Sr	2
Ba	15	In	2	Ti	2
Be	2	K	50	Tl	2
Bi	5	Mg	10	V	2
Ca	10	Mn	2	Zn	2
Cd	2	Mo	2	Zr	2
Co	2	Na	50		
Cr	2	Ni	5		

Order code	Package	Units/Box st.
131041.1210	500 g	6
131041.1211	1000 g	6
131041.1214	5 kg	
131041.0416	25 kg	

Oxalic Acid 2-hydrate PRS

$(COOH)_2.2H_2O$

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) ..... 99 %
Identity ..... IR p/t.
Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,05 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Ca ..... 0,005 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Mg ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141041.1210	500 g	6
141041.1211	1000 g	6
141041.1214	5 kg	
141041.0416	25 kg	

Oxalic Acid 2-hydrate, 99% PS

$(COOH)_2.2H_2O$

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151041.1208	100 g	6
151041.1210	500 g	6

OXALIC ACID VOLUMETRIC SOLUTIONS

Oxalic Acid 0,025 mol/l (0,05N) SV

$C_2H_2O_4.2H_2O$

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

1l~1,003kg 1kg~0,997l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
182123.1211	1000 ml	6

Oxalic Acid 0,05 mol/l (0,1N) SV

$C_2H_2O_4.2H_2O$

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181043.1211	1000 ml	6

Oxalic Acid 0,05 mol (6,303g $C_2H_2O_4$) to prepare 1l of 0,1N solution SVc

$C_2H_2O_4.2H_2O$

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning

H312-H302

SPECIFICATIONS:

Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303113.1920	1 ampoule	6

Oxalic Acid 0,5 mol/l (1N) SV

$C_2H_2O_4.2H_2O$

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning

H312-H302

1l~1,019kg 1kg~0,981l

SPECIFICATIONS:

Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181042.1211	1000 ml	6

Oxalic Acid Bis (Cyclohexylidene hydrazide) PA

mercaptan reagent, tiophens and copper(I) ions

$C_{14}H_{22}N_4O_2$

M: 278,36 CAS: 370-81-0 EINECS: 206-729-2 NC: 2933 99 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

SPECIFICATIONS:

Identity.....IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %
Sensitivity to Cu ..... p/t.

Order code	Package	Units/Box st.
123137.1606	25 g	6

Oxalic Acid Diethyl Ester

(see Diethyl Oxalate)

Oxalic Acid Hemipotassium Salt

(see Potassium tetra-Oxalate 2-hydrate)

Oxalyl Chloride, 98% PS

$C_2Cl_2O_2$

M: 126,93 CAS: 79-37-8 EINECS: 201-200-2 NC: 2917 19 90 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

EUH014-H331-H311-H301-H314

1l~1,473kg 1kg~0,679l

SPECIFICATIONS:

Minimum assay (Arg.) ..... 98 %
Identity.....IR p/t.
Density at 20/4 1,471-1,475

Order code	Package	Units/Box st.
15A846.1606	25 ml	6
15A846.1608	100 ml	6

Ox Bile (Ingredient) CULTIMED

Product used to estimate the growth of enteric bacteria.

NC: 0510 00 00

SPECIFICATIONS:

pH of 2% solution 6,0-8,5
Loss on drying at 105°C..... 6 %
Cholic Acid ..... ≥40 %

Order code	Package	Units/Box st.
403685.1210	500 g	6
403685.0914	5 kg	
403685.0416	25 kg	

OXI-OLEO-TEST RE

for determination of the degree of deterioration of fried fats and oils. 60 tests

NC: 3822 00 00 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

H225-H332-H302-H314-H318-H336

Comprised of:
2x100 ml OXI-OLEO-TEST Reagent 1
1x20 ml OXI-OLEO-TEST Reagent 2
1 Plastic case
1 Plastic syringe of 5 ml
2 Test tubes with stopper
1 Scoop
1 Colour scale
1 Instructions sheet

Order code	Package	Units/Box st.
175145.0922	pack	6

OXI-OLEO-TEST Refill RE

30 tests

NC: 3822 00 00 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

H225-H332-H302-H314-H318-H336

Comprised of:
1x100 ml OXI-OLEO-TEST Reagent 1
1x20 ml OXI-OLEO-TEST Reagent 2

Order code	Package	Units/Box st.
175164.0922	pack	6

2-Oxoglutaric Acid PRS

$C_5H_6O_5$

M: 146,02 CAS: 328-50-7 EINECS: 206-330-3 NC: 2918 30 00

Signal Word: Danger

H318

SPECIFICATIONS:

Assay (Acidim.) ..... 99 %
Identity.....IR p/t.
Melting range..... 114-116°C
Insoluble matter in H_2O..... p/t.
Loss on drying at 80°C..... 0,5 %
Residue on ignition (as SO_4) ..... 0,05 %
Chloride (Cl)..... 0,01 %
Sulphate (SO_4) ..... 0,02 %
As ..... 0,0001 %
Cu ..... 0,002 %
Fe..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142384.1607	50 g	6

PABA

(see 4-Aminobenzoic Acid)

PALLADIUM SOLUTIONS

(see Standards for ICP)

Palladium-Charcoal Activated (5% Pd) PS

Pd

M: 106,42 CAS: 7440-05-3 EINECS: 231-115-6 NC: 7110 21 00

SPECIFICATIONS:

Assay (as Pd)..... ~5 %

Order code	Package	Units/Box st.
15A363.1604	5 g	6
15A363.1608	100 g	6

Palladium-Charcoal Activated (10% Pd) PS

Pd

M: 106,42 CAS: 7440-05-3 EINECS: 231-115-6 NC: 7110 21 00

SPECIFICATIONS:

Assay (as Pd)..... ~10 %

Order code	Package	Units/Box st.
15A331.1604	5 g	6
15A331.1607	50 g	6

Palladium 5% on Calcium Carbonate, poisoned with lead PS

Pd

M: 106,42 CAS: 7440-05-3 EINECS: 231-115-6 NC: 7110 21 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger



H360D-H410

SPECIFICATIONS:
Assay (as Pb) ..... ~5 %

Order code	Package	Units/Box st.
15B121.1605	10 g	6
15B121.1607	50 g	6

Palladium(II) Chloride anhydrous PS

$PdCl_2$

M: 177,31 CAS: 7647-10-1 EINECS: 231-596-2 NC: 2843 90 90 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H314

SPECIFICATIONS:
Minimum assay (as Pd) (Gravimetric) ..... 59 %
Loss on drying at 120°C ..... 0,3 %

Order code	Package	Units/Box st.
15A847.1503	1 g	6
15A847.1504	5 g	6
15A847.1505	10 g	6

Palmitic Acid (E-570, F.C.C.) ADITIO

$C_{16}H_{32}O_2$

M: 256,43 CAS: 57-10-3 EINECS: 200-312-9 NC: 2915 70 15

SPECIFICATIONS:
Assay (G.C.), not less than ..... 98 %
Solidification point ..... 53,3-62°C
Residue on ignition, not more than ..... 0,1 %
Unsaponifiable matter, not more than ..... 1,5 %
Acidity value 204-220
Saponification value 205-221
Iodine value, not more than 2,0
Water, not more than ..... 0,2 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 0,1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202345.0914	5 kg	

Palmitic Acid, 98% PS

$C_{16}H_{32}O_2$

M: 256,43 CAS: 57-10-3 EINECS: 200-312-9 NC: 2915 70 15

SPECIFICATIONS:
Minimum assay (G.C. as methyl ester.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 62-65°C

Order code	Package	Units/Box st.
162345.1211	1000 g	6

Palmitic Acid Methyl Ester

(see Methyl Palmitate)

Palmitic Alcohol

(see Cetyl Alcohol)

Pandy's Reagent DC

for determination of globulins in cephalorachidial liquids

NC: 3822 00 00 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H311-H301-H314

1l~1,005kg 1kg~0,995l
Composition:
Phenol crystallized ..... 6,6 g
Water ..... 100 ml

Order code	Package	Units/Box st.
251585.1609	250 ml	6

Panoptic, Fast

(see Kit for Fast Staining in Haematology)

Papanicolaou, Kit of

(see: Eukitt, mounting medium. Harris Hematoxylin solution. Papanicolaou's Solution EA 50. Papanicolaou's Solution OG 6)

Papanicolaou's Solution EA 50 DC

for cytology

NC: 3204 16 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,817kg 1kg~1,224l
Composition:
Light Green SF yellowish ..... 58 mg
Bismark Brown R. ..... 40 mg
Eosin Yellowish ..... 0,225 g
Phosphotungstic Acid hydrate ..... 0,17 g
Acetic Acid glacial ..... 0,1 g
Methanol ..... 93 ml
Water ..... 7 ml

Order code	Package	Units/Box st.
253594.1610	500 ml	6
253594.1611	1000 ml	6
253594.1612	2,5 l	4

Papanicolaou's Solution OG 6 DC

for cytology

NC: 3204 12 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,833kg 1kg~1,200l
Composition:
Orange G ..... 0,2 g
Phosphotungstic Acid hydrate ..... 0,02 g
Ethanol absolute ..... 88,5 ml
Water ..... 11,5 ml

Order code	Package	Units/Box st.
253892.1610	500 ml	6
253892.1611	1000 ml	6
253892.1612	2,5 l	4

PAR

(see 4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate)

Paraffin Cleaner DC

NC: 3822 00 00 UN: 1993 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 309
CAO: 310 (D/E)
Signal Word: Danger



H318-H304-H336

1l~0,766kg 1kg~1,305l
Composition:
Isoparaffin H ..... 425 ml
1-Propanol ..... 75 ml

Order code	Package	Units/Box st.
256876.3408	6x100 ml	
256876.0922	15 x 100 ml	

Paraffin M.P. ~42-44°C pieces QP

near to corporal temperature

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90
Residue on ignition (as SO_4) ..... 0,05 %
Acidity or alkalinity ..... p/t.

Order code	Package	Units/Box st.
213206.0911	1000 g	6
213206.0914	5 kg	
213206.0416	25 kg	

Paraffin M.P. 51-53°C pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 51-55°C

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in C_8H_{10} ..... p/t.
Residue on ignition ..... 0,05 %
Darkened substances by H_2SO_4 ..... p/t.
Polynuclear hydrocarbons ..... p/t.
Acidity or alkalinity ..... p/t.
Reaction ..... p/t.
Sulphate (SO_4) ..... 0,015 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
143209.1211	1000 g	6
143209.0914	5 kg	
143209.0416	25 kg	

Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Melting range..... 51-55°C
ABS (Polynucl.Hydroc.) λ280-289 nm, not more than 0,15
ABS (Polynucl.Hydroc.) λ290-299 nm,not more than 0,12
ABS (Polynucl.Hydroc.) λ300-359 nm, not more than 0,08
ABS (Polynucl.Hydroc.) λ360-400 nm, not more than 0,02
Lead, not more than ..... 1 ppm
IR ..... p/t.
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203209.0914	5 kg	

Paraffin M.P. 51-53°C pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity.....IR p/t.
Melting range..... 51-53°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble in C_8H_{10} ..... p/t.
Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
253209.1211	1000 g	6
253209.0914	5 kg	4
253209.0416	25 kg	

Paraffin M.P. 52°C plasticized pellets DC

for histology, sensitive tissues

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Identity.....IR p/t.
Melting range..... 51-53°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_8H_{10} ..... p/t.
Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
255803.1211	1000 g	6
255803.0914	5 kg	4

Paraffin M.P. 56-58°C pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity.....IR p/t.
Melting range..... 56-58°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_8H_{10} ..... p/t.
Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
253211.1211	1000 g	6
253211.0914	5 kg	4
253211.0416	25 kg	

Paraffin M.P. 56-58°C plasticized + DMSO pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity.....IR p/t.
Melting range..... 56-58°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_8H_{10} ..... p/t.
Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
254667.1211	1000 g	6
254667.0914	5 kg	4

Paraffin M.P. 56-58°C plasticized pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity.....IR p/t.
Melting range..... 56-58°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble in C_8H_{10} ..... p/t.
Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
252913.1211	1000 g	6
252913.0914	5 kg	4
252913.0416	25 kg	

Paraffin M.P. 60-65°C (F.C.C.) ADITIO

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Melting range..... 60-65°C
ABS max. (aromatic pol. hydrocarbons) at λ280-289 nm 0,15
ABS max. (aromatic pol. hydrocarbons) at λ290-299 nm 0,12
ABS max. (aromatic pol. hydrocarbons) at λ300-359 nm 0,08
ABS max. (aromatic pol. hydrocarbons) at λ360-400 nm 0,02
Lead, not more than ..... 1 ppm
IR ..... p/t.
Specifications F.C.C. 6

Order code	Package	Units/Box st.
204621.0911	1 kg	
204621.0914	5 kg	

Paraplast X-Tra®Paraffin M.P. 52°C pellets

® Registered trade-mark of McCormick Scientific, LLC.)for histology, sensitive tissues

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Composition:
Paraffin .....>90 %
Microcrystalline Wax .....<5 %
Hydrocarbon Resin.....<5 %
Polyisobutylene .....<1 %
Butylated hydroxytoluene..... 1 %

Order code	Package	Units/Box st.
PPXTRA.0933	6 x 1 kg	4

Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets

(® Registered trade-mark of McCormick Scientific, LLC.)for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Composition:
Paraffin .....>98 %
Dimethylsulphoxide.....<1 %
Polyisobutylene .....<1 %

Order code	Package	Units/Box st.
PPPLUS.0933	6 x 1 kg	

Paraplast® Paraffin M.P. 56-58°C pellets

(® Registered trade-mark of McCormick Scientific, LLC.)for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Composition:
Paraffin .....>99 %
Polyisobutylene .....<1%

Order code	Package	Units/Box st.
PPLAST.0939	4 x 5 kg	

Paraformaldehyde (DAC) PRS-CODEX

$(HCHO)_n$

CAS: 30525-89-4 EINECS: 200-001-8 NC: 2912 60 00 UN: 2213
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



H302-H319-H335-H315-H351-H317

SPECIFICATIONS:

Assay (Acidim.).....95,0-100,5%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH_4OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP)..... p/t
Acidity or alkalinity..... p/t.
Heavy metals (as Pb)..... 0,001 %

Order code	Package	Units/Box st.
141451.1210	500 g	6
141451.1211	1000 g	6
141451.0914	5 kg	
141451.0416	25 kg	

Paraformaldehyde, 95% PS

$(HCHO)_n$

CAS: 30525-89-4 EINECS: 200-001-8 NC: 2912 60 00 UN: 2213
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



H302-H319-H335-H315-H351-H317

SPECIFICATIONS:

Assay (Acidim.)..... 95 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
151451.1210	500 g	6

P

Paraformaldehyde tablets ~1g QP

$(HCHO)_n$

CAS: 30525-89-4 EINECS: 200-001-8 NC: 2912 60 00 UN: 2213
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
Signal Word: Warning



H302-H319-H335-H315-H351-H317

SPECIFICATIONS:
Assay (Acidim.) applied to basis matter ..... 95 %
Acidity or alkalinity ..... p/t.
Excipient ..... ~1 %

Order code	Package	Units/Box st.
211511.1209	250 g	6
211511.1211	1000 g	6
211511.0914	5 kg	
211511.0416	25 kg	

Pararosaniline base (C.I. 42500) DC

$C_{19}H_{19}N_3O$

M: 305,38 CAS: 25620-78-4 EINECS: 207-395-0 NC: 3204 13 00
Signal Word: Warning



H351

SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in C_2H_5OH 50% ..... 544-547 nm
A 1%; 1cm; λmax ..... >2300
Ratio λmax., P±15 nm 1,15-1,35
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 5 %

Order code	Package	Units/Box st.
254615.1605	10 g	6

PATENT BLUE V SOLUTIONS

Patent Blue V solution 0,5% w/v RE

for Specified Risk Material staining
NC: 3822 00 00
1l~1,005kg 1kg~0,995l
Composition:
Patent Blue V ..... 0,5 g
Water s.q.m. ..... 100 ml

Order code	Package	Units/Box st.
175630.1214	5 l	4
175630.0716	25 l	

Patent Blue V solution 5% w/v RE

for Specified Risk Material staining
NC: 3822 00 00
1l~1,008kg 1kg~0,992l
Composition:
Patent Blue V ..... 5 g
Water s.q.m. ..... 100 ml

Order code	Package	Units/Box st.
175723.1214	5 l	4

Patent Blue VF

(see Disulphine Blue)

Patton and Reeder Reagent

(see Calconcarboxylic Acid)

PEG

(see Polyethylene Glycol)

n-Pentane (UV-IR-HPLC) PAI

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non volatile matter ..... 0,0003 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	215	220	240-400
A (AU)	1,000	0,398	0,155	0,097	0,046	0,009
T (%)	10	40	70	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 0,0
Eluotropic value ε°(Al_2O_3) 0,00
Sol. H_2O in solv. at 20°C 0,01
P' + 0,25 E 0,5
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
362006.1611	1000 ml	6
362006.1612	2,5 l	4

n-Pentane (PAR) PAI

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0005 meq/g
Water (H_2O) ..... 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l

Order code	Package	Units/Box st.
322006.1612	2,5 l	4

n-Pentane (Reag. USP, Ph. Eur.) PA

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,624-0,628
Boiling range (>95% dist.)	34-36°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Darkened substances by H_2SO_4	p/t.
Sulphur compounds (as S)	0,002 %
Acidity	0,0005 meq/g
Water (H_2O)	0,01 %
Thiophene	p/t.

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,02
Al	0,5	Fe	0,1	P	0,2
As	0,05	Ga	0,02	Pb	0,1
Au	0,05	Ge	0,05	Pt	0,02
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	In	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
				Zr	0,02

Order code	Package	Units/Box st.
122006.1611	1000 ml	6
122006.1612	2,5 l	4
122006.0314	5 l	4
122006.0316	25 l	

n-Pentane PRS

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,624-0,628
Non-volatile matter	0,005 %
Isopentane (G.C.)	1 %
Sulphur compounds (as S)	0,005 %
Acidity	0,001 meq/g
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142006.1611	1000 ml	6
142006.1612	2,5 l	4
142006.0314	5 l	4
142006.0616	25 l	

n-Pentane 95% (UV-IR-HPLC) PAI

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.)	95,0 %
Density at 20/4	0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non volatile matter	0,0003 %
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,005 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	220	230	240-400
A (AU)	1,000	0,523	0,155	0,046	0,018	0,009
T (%)	10	30	70	90	96	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	0,0
Eluotropic value E°(Al_2O_3)	0,00
Sol. H_2O in solv. at 20°C	0,01
P' + 0,25 E	0,5

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
364462.1611	1000 ml	6

n-Pentane 95% (PAR) PAI

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.)	95,0 %
Identity	IR p/t.
Density at 20/4	0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,0005 meq/g
Water (H_2O)	0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol)	p/t.

Order code	Package	Units/Box st.
324462.1611	1000 ml	6

n-Pentane 95% dry (max. 0,005% water) DS

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303
Signal Word:
Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95,0 %
Identity ..... IR p/t.
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as S) ..... 0,002 %
Acidity ..... 0,0005 meq/g
Water (H_2O) ..... 0,005 %
Thiophene ..... p/t.

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
484462.1611	1000 ml	6

n-Pentane 95% PA

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303
Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95,0 %
Identity ..... IR p/t.
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as S) ..... 0,002 %
Acidity ..... 0,0005 meq/g
Water (H_2O) ..... 0,015 %
Thiophene ..... p/t.

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
124462.1611	1000 ml	6
124462.1612	2,5 l	4
124462.0314	5 l	4
124462.0316	25 l	

n-Pentane 95% PS

C_5H_{12}

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303
Signal Word: Danger



H224-H304-EUH066-H336-H411

1l~0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.
Density at 20/4 0,624-0,628
Non-volatile matter ..... 0,002 %
Water (H_2O) ..... 0,01 %

Order code	Package	Units/Box st.
164462.1611	1000 ml	6
164462.1612	2,5 l	4
164462.1714	5 l	4
164462.0616	25 l	

iso-Pentane

(see Isopentane)

Pentanedial

(see Glutaraldehyde)

2,4-Pentanedione (Reag. USP, Ph. Eur.) PA

$CH_3COCH_2COCH_3$

M: 100,11 CAS: 123-54-6 EINECS: 204-634-0 NC: 2914 19 90 UN: 2310
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H302

1l~0,973kg 1kg~1,028l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,972-0,974
Refractive index n 20/D 1,4520-1,4525

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,005 %
Ethyl acetate (G.C.) ..... 0,01 %
Water (H_2O) ..... 0,05 %

Metals by ICP [mg/Kg (ppm)]

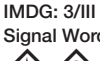
Ag 0,05	Cu 0,02	Pt 0,02
Al 0,5	Fe 0,1	Sb 0,02
As 0,05	Ge 0,05	Si 0,2
Au 0,05	In 0,05	Sn 0,1
B 0,05	K 0,1	Sr 0,2
Ba 0,1	Li 0,05	Ti 0,02
Be 0,02	Mg 0,1	Tl 0,02
Bi 0,05	Mn 0,02	V 0,02
Ca 0,5	Mo 0,02	Zn 0,1
Cd 0,05	Na 0,5	Zr 0,02
Co 0,02	Ni 0,02	
Cr 0,02	Pb 0,1	

Order code	Package	Units/Box st.
121880.1609	250 ml	6
121880.1611	1000 ml	6

2,4-Pentanedione, 99% PS

$CH_3COCH_2COCH_3$

M: 100,11 CAS: 123-54-6 EINECS: 204-634-0 NC: 2914 19 90 UN: 2310
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H302

1l~0,973kg 1kg~1,028l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,972-0,974

Order code	Package	Units/Box st.
161880.1609	250 ml	6
161880.1611	1000 ml	6

1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography
$C_5H_{11}NaO_3S$
M: 174,20 CAS: 22767-49-3 EINECS: 245-208-4 NC: 2904 10 00
SPECIFICATIONS:
Minimum assay (Acidim.)(calc. a.d.s.) ..... 99,0 %
Identity ..... IR p/t.
UV Spectrum 0,005 mol/l solution
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
364896.1606	25 g	6

1-Pentanol (Reag. Ph. Eur.) PA-ACS

$C_5H_{12}O$
M: 88,15 CAS: 71-41-0 EINECS: 200-752-1 NC: 2905 14 90 UN: 1105
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H335-H315

1l~0,815kg 1kg~1,227l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,814-0,816
MAXIMUM LIMIT OF IMPURITIES
APHA colour 30
Non-volatile matter ..... 0,003 %
di-n-Pentyl Ether (G.C.) ..... 0,1 %
3-Methyl-1-Butanol (G.C.) ..... 0,5 %
1-Pentanal (G.C.) ..... 0,1 %
Acids and esters ..... 0,075 meq/g
Carbonyles (as HCHO) ..... 0,1 %
Water (H_2O) ..... 0,2 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,1	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131884.1611	1000 ml	6
131884.1612	2,5 l	4

1-Pentanol PRS

$C_5H_{12}O$
M: 88,15 CAS: 71-41-0 EINECS: 200-752-1 NC: 2905 14 90 UN: 1105
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H335-H315

1l~0,815kg 1kg~1,227l
SPECIFICATIONS:
Assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,814-0,816
Non-volatile matter ..... 0,01 %
Acids and esters ..... 0,15 meq/g
Carbonyles (as HCHO) ..... 0,1 %
Water (H_2O) ..... 0,5 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
141884.1211	1000 ml	6
141884.1212	2,5 l	4
141884.1214	5 l	4

1-Pentanol, 98% PS

$C_5H_{12}O$
M: 88,15 CAS: 71-41-0 EINECS: 200-752-1 NC: 2905 14 90 UN: 1105
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H335-H315

1l~0,815kg 1kg~1,227l
SPECIFICATIONS:
Assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
151884.1611	1000 ml	6
151884.1612	2,5 l	4

3-Pentanone

(see Diethylketone)

1,4,7,10,13-Pentaoxacyclopentadecane

(see Crown Ether/15-Crown-5)

iso-Pentyl Acetate

(see Isoamyl Acetate)

iso-Pentyl Alcohol

(see 3-Methyl-1-Butanol)

4-Pentylbenzoyl Chloride, 98% PS

$C_{12}H_{15}ClO$
M: 210,70 CAS: 49763-65-7 EINECS: 256-478-8 NC: 2916 39 00 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~1,030kg 1kg~0,971l
SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C008.1603	1 ml	6
15C008.1604	5 ml	6

Pentyl Bromide

(see 1-Bromopentane)

iso-Pentyl Nitrite

(see Isoamyl Nitrite)

Pepsin 1:10.000 NF RE

CAS: 9001-75-6 EINECS: 232-629-3 NC: 3507 90 90
Signal Word: Danger


H319-H335-H315-H334

SPECIFICATIONS:
Identity ..... IR p/t.
pH of 5% solution 3-5
Proteolytic Activity 1:10000

Order code	Package	Units/Box st.
175208.0011	1000 g	6

Liquid Pepsin RE

CAS: 9001-75-6 EINECS: 232-629-3 NC: 3507 90 90
Signal Word: Danger


H334

1l~1,215 kg 1kg~0,823l
SPECIFICATIONS:
Proteolytic Activity ..... 660 u Ph. Eur./ml

Order code	Package	Units/Box st.
176408.1214	5 l	

Peptone, Bacteriological (Ingredient) CULTIMED

Product used in bacteriological culture media.
EINECS: 293-428-4 NC: 3504 00 00
SPECIFICATIONS:
pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥12 %

Order code	Package	Units/Box st.
403695.1210	500 g	6
403695.0914	5 kg	
403695.0416	25 kg	

Peracetic Acid solution 15% w/w RE

$C_2H_4O_3$

M: 76,05 CAS: 79-21-0 EINECS: 201-186-8 NC: 2915 29 00 UN: 3093
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H332-H312-H302-H314

1l~1,130kg 1kg~0,885l

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 15,0 %
Density at 20/4 1,125-1,165

Order code	Package	Units/Box st.
173495.1210	500 ml (P)	6

Perchloric Acid 70% (TMA) HIPERPUR-PLUS

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word: Danger



H271-H314

1l~1,67kg 1kg~0,60l

SPECIFICATIONS:

Assay (Acidim.) ..... 65-71 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag 100	In 10	Sm 10
Al 100	K 100	Sn 100
As 100	La 10	Sr 100
Ba 100	Li 100	Tb 10
Be 100	Lu 10	Te 10
Bi 10	Mg 100	Th 10
Ca 100	Mn 100	Ti 100
Cd 10	Mo 100	Tl 100
Ce 10	Na 100	Tm 10
Co 100	Nd 10	U 10
Cs 10	Ni 100	V 100
Cu 100	Pb 10	Y 10
Dy 10	Pd 10	Yb 10
Er 10	Pr 10	Zn 100
Eu 10	Pt 100	Zr 100
Fe 100	Rb 10	
Ga 10	Rh 10	
Gd 10	Sb 100	
Ho 10	Sc 100	

Analysis Type:

Ag 2	In 1	Sm 0,01
Al 100	K 5	Sn 10
As 100	La 0,05	Sr 1
Ba 20	Li 1	Ta 10
Be 5	Lu 0,01	Tb 0,01
Bi 2	Mg 5	Te 1
Ca 10	Mn 2	Th 0,05
Cd 1	Mo 1	Ti 10
Ce 0,05	Na 5	Tl 0,1
Co 1	Nb 1	Tm 0,01
Cs 0,05	Nd 0,05	U 0,01
Cu 3	Ni 10	V 1
Dy 0,01	Pb 1	W 5
Er 0,01	Pd 10	Y 1
Eu 0,01	Pr 0,05	Yb 0,01
Fe 10	Pt 1	Zn 5
Ga 1	Rb 1	Zr 1
Gd 0,01	Rh 1	
Hf 0,05	Sb 50	
Ho 0,01	Sc 1	

Order code	Package	Units/Box st.
712175.0009	250 ml (P)	6
712175.0010	500 ml (P)	6

Perchloric Acid 70% (TMA) HIPERPUR

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word: Danger



H271-H314

1l~1,67kg 1kg~0,60l

SPECIFICATIONS:

Assay (Acidim.) ..... 65-71 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Metals by ICP (ppb)

Ag 1	In 0,5	Sn 1
Al 1	K 1	Sr 0,5
As 0,5	La 0,5	Tb 0,5
Au 0,5	Li 0,5	Te 0,5
Ba 1	Lu 0,5	Th 1
Be 0,5	Mg 1	Ti 1
Bi 0,5	Mn 1	Tl 0,5
Ca 1	Mo 0,5	Tm 0,5
Cd 1	Na 1	U 0,5
Ce 0,5	Nd 0,5	V 0,5
Co 0,5	Ni 1	Y 0,5
Cs 0,5	Pb 1	Yb 0,5
Cu 0,5	Pd 0,5	Zn 1
Dy 0,5	Pr 0,5	Zr 0,5
Er 0,5	Pt 0,5	
Eu 0,5	Rb 0,5	
Fe 1	Rh 0,5	
Ga 0,5	Sb 0,5	
Gd 0,5	Sc 0,5	
Ho 0,5	Sm 0,5	

Analysis Type:

Ag 0,1	In 0,1	Sn 0,5
Al 0,5	K 0,1	Sr 0,1
As 0,1	La 0,1	Ta 0,5
Au 0,1	Li 0,1	Tb 0,1
Ba 0,1	Lu 0,1	Te 0,1
Be 0,1	Mg 0,1	Th 0,1
Bi 0,1	Mn 0,1	Ti 0,5
Ca 0,5	Mo 0,1	Tl 0,1
Cd 0,1	Na 0,1	Tm 0,1
Ce 0,1	Nb 0,5	U 0,1
Co 0,1	Nd 0,1	V 0,1
Cs 0,1	Ni 0,5	W 0,5
Cu 0,1	Pb 0,1	Y 0,1
Dy 0,1	Pd 0,5	Yb 0,1
Er 0,1	Pr 0,1	Zn 0,5
Eu 0,1	Pt 0,5	Zr 0,1
Fe 0,5	Rb 0,1	
Ga 0,1	Rh 0,1	
Gd 0,1	Sb 0,1	
Hf 0,5	Sc 0,1	
Ho 0,1	Sm 0,1	

Order code	Package	Units/Box st.
722175.0010	500 ml (P)	6
722175.0011	1000 ml (P)	6
722175.0012	2,5 l (P)	4

Perchloric Acid 70% (max. 0,0000005% Hg) PA-ACS-ISO

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word:
Signal Word: Danger



H271-H314

1l~1,67kg 1kg~0,60l

SPECIFICATIONS:

Assay (Acidim.) ..... 69,0-72,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Residue on ignition ..... 0,003 %
Nitrogen compounds (as N) ..... 0,001 %
Chlorine (Cl) ..... 0,0005 %
Chlorate (ClO_3) ..... 0,0012 %
Chloride (Cl) ..... 0,0003 %
Phosphate and Silicate (as PO_4) ..... 0,0005 %
Sulphate (SO_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0001 %
As ..... 0,000005 %
Hg 0,0000005%

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Cr 0,1	Na 5
Al 0,1	Cu 0,05	Ni 0,05
Ba 0,1	Fe 1	Pb 0,1
Be 0,5	K 1	Sr 0,5
Ca 1	Li 0,5	Zn 0,1
Cd 0,05	Mg 0,5	
Co 0,1	Mn 0,05	

Order code	Package	Units/Box st.
472175.1611	1000 ml (P)	6

Perchloric Acid 70% PA-ACS-ISO

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word: Danger



H271-H314

1l~1,67kg 1kg~0,60l

SPECIFICATIONS:

Assay (Acidim.)	69,0-72,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Residue on ignition	0,003 %
Nitrogen compounds (as N)	0,001 %
Chlorine (Cl)	0,0005 %
Chlorate (ClO_3)	0,0012 %
Chloride (Cl)	0,0003 %
Phosphate and Silicate (as PO_4)	0,0005 %
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,0001 %
As	0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Co 0,1	Na 5
Al 0,1	Cr 0,1	Ni 0,05
Ba 0,1	Cu 0,05	Pb 0,1
Be 0,5	Fe 1	Sr 0,5
Ca 1	K 1	Zn 0,1
Cd 0,05	Mn 0,05	

Order code	Package	Units/Box st.
132175.1611	1000 ml	6
132175.2211	1000 ml	6
132175.1612	2,5 l	4
132175.2212	2,5 l	4

Perchloric Acid 70% PRS

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word: Danger



H271-H314

1l~1,67kg 1kg~0,60l

SPECIFICATIONS:

Assay (Acidim.)	69,0-72,0 %
Residue on ignition	0,01 %
Nitrogen compounds (as N)	0,005 %
Chlorine (Cl)	0,0005 %
Chlorate (ClO_3)	0,005 %
Chloride (Cl)	0,001 %
Phosphate and Silicate (as PO_4)	0,002 %
Sulphate (SO_4)	0,003 %
As	0,0001 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
142175.1611	1000 ml	6
142175.1612	2,5 l	4
142175.2216	25 l	

Perchloric Acid 60% PA-ACS-ISO

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501

Signal Word: Danger



H271-H314

1l~1,54kg 1kg~0,65l

SPECIFICATIONS:

Assay (Acidim.)	60,0-62,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Residue on ignition	0,003 %
Nitrogen compounds (as N)	0,001 %
Chlorine (Cl)	0,0005 %
Chlorate (ClO_3)	0,001 %
Chloride (Cl)	0,0003 %
Phosphate and Silicate (as PO_4)	0,0005 %
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Fe 1	Pb 0,1
Al 0,1	Ga 0,05	Pt 0,1
As 0,05	Ge 0,05	Sb 0,05
Au 0,1	Hg 0,1	Si 0,1
Ba 0,1	In 0,05	Sn 0,05
Be 0,5	K 1	Sr 0,5
Bi 0,1	Li 0,02	Ti 0,05
Ca 1	Mg 0,05	Tl 0,05
Cd 0,05	Mn 0,05	V 0,05
Co 0,1	Mo 0,05	Zn 0,1
Cr 0,1	Na 5	Zr 0,05
Cu 0,05	Ni 0,05	

Order code	Package	Units/Box st.
131054.1611	1000 ml	6
131054.2211	1000 ml	6
131054.1612	2,5 l	4
131054.2216	25 l	

Perchloric Acid 60% PRS

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word: Danger



H271-H314

1l~1,54kg 1kg~0,65l

SPECIFICATIONS:

Assay (Acidim.)	60,0-62,0 %
Residue on ignition	0,01 %
Nitrogen compounds (as N)	0,005 %
Chlorine (Cl)	0,0005 %
Chlorate (ClO_3)	0,005 %
Chloride (Cl)	0,001 %
Phosphate and Silicate (as PO_4)	0,002 %
Sulphate (SO_4)	0,003 %
As	0,0001 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
141054.1611	1000 ml	6
141054.1612	2,5 l	4
141054.2216	25 l	

Perchloric Acid 20% PRS

$HClO_4$

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1802
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314

1l~1,13kg 1kg~0,88l

SPECIFICATIONS:

Assay (Acidim.)	20,0-22,0 %
Residue on ignition	0,01 %
Nitrogen compounds (as N)	0,005 %
Chlorate (ClO_3)	0,005 %
Chlorine (Cl)	0,0005 %
Chloride (Cl)	0,001 %
Phosphate and Silicate (as PO_4)	0,002 %
Sulphate (SO_4)	0,003 %
As	0,0001 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
141044.1611	1000 ml	6

PERCHLORIC ACID VOLUMETRIC SOLUTIONS

Perchloric Acid 0,1 mol/l (0,1N) in 1,4-dioxan SV

Indicator: Crystal violet. Storage over 18°C.
$HClO_4$
M: 100,46 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH019-H319-H335-H315
1l~1,040kg 1kg~0,962l
SPECIFICATIONS:
Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181047.1611	1000 ml	6

Perchloric Acid 0,1 mol/l (0,1N) in acetic acid SV

Indicator: Crystal Violet. Storage over 18°C.
$HClO_4$
M: 100,46 NC: 3822 00 00 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H226-H314
1l~1,060kg 1kg~0,943l
SPECIFICATIONS:
Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181046.1611	1000 ml	6

Perchloric Acid 1 mol/l (1N) SV

$HClO_4$
M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1802
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



H314
1l~1,050kg 1kg~0,952l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
185310.1211	1000 ml P	6

Perchloroethylene

(see Tetrachloroethylene)

2H,3H-Perfluoropentane

(see 1,1,1,2,3,4,4,5,5,5-Decafluoropentane)

Periodic Acid (Reag. USP, Ph. Eur.) PA-ACS

H_5IO_6
M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H314
SPECIFICATIONS:
Assay (Iodom.) 99,0-101,0%
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,01 %
Chloride, chlorate, bromide and bromate (as Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Iodide (I) ..... 0,001 %
Heavy metals (as Pb) ..... 0,005 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
132320.1606	25 g	6
132320.1608	100 g	6

Periodic Acid PA

H_5IO_6
M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H314
SPECIFICATIONS:
Minimum assay (Iodom.) ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,2 %
Chloride, chlorate, bromide and bromate (as Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,01 %
Iodide (I) ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122320.1606	25 g	6
122320.1608	100 g	6

Periodic Acid PRS

H_5IO_6
M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H314
SPECIFICATIONS:
Assay (Iodom.) ..... 98 %
Residue on ignition (as SO_4) ..... 0,5 %
Chloride, chlorate, bromide and bromate (as Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,05 %

Order code	Package	Units/Box st.
142320.1606	25 g	6
142320.1608	100 g	6

Periodic Acid, 99% PS

H_5IO_6
M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H314
SPECIFICATIONS:
Minimum assay (Iodom.) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152320.1606	25 g	6
152320.1608	100 g	6

Petroleum Benzine

(see Petroleum Ether)

Petroleum Ether 25-40°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger



H224-H315-H373-H411-H361f-H304-H336
1l~0,63kg 1kg~1,59l
SPECIFICATIONS:
Boiling range ..... 25-40°C
Non-volatile matter ..... 0,003 %
Sulphur compounds (as CS_2) ..... 0,01 %
Aromatic hydrocarbons (U.V.)(as C_6H_6) ..... 0,01 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,02 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
142698.1611	1000 ml	6
142698.0314	5 l A	4

Petroleum Ether 30-40°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303:
Signal Word: Danger


H224-H315-H373-H411-H361f-H304-H336

1l~0,63kg 1kg~1,59l

SPECIFICATIONS:

Boiling range ..... 30-40°C
Non-volatile matter ..... 0,003 %
Sulphur compounds (as CS_2) ..... 0,01 %
Aromatic hydrocarbons (U.V.)(as C_6H_6) ..... 0,01 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,02 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
142699.1611	1000 ml	6
142699.0314	5 l	4

Petroleum Ether 30-50°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger


H224-H315-H373-H411-H361f-H304-H336

1l~0,63kg 1kg~1,58l

SPECIFICATIONS:

Boiling range ..... 30-50°C
Non-volatile matter ..... 0,003 %
Sulphur compounds (as CS_2) ..... 0,01 %
Aromatic hydrocarbons (U.V.)(as C_6H_6) ..... 0,015 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,02 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
142700.1611	1000 ml	6
142700.0314	5 l	4
142700.0616	25 l	

Petroleum Ether 30-60°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
Signal Word: Danger


H224-H315-H373-H411-H361f-H304-H336

1l~0,640kg 1kg~1,562l

SPECIFICATIONS:

Boliling range ..... 30-60°C
Non-volatile matter ..... 0,003 %
Sulphur compounds (as CS_2) ..... 0,01 %
Aromatic hydrocarbons (U.V.) (as C_6H_6) ..... 0,05 %
Acidity ..... 0,001 meq/g
Water (H_2O) ..... 0,02 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
143607.1611	1000 ml	6

Petroleum Ether 40-60°C (UV) PAI

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H373-H411-H361f-H304

1l~0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range ..... 40-60°C
Density at 20/4 0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,01 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	210 (Cut off)	220	230	240	250-400
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361315.1611	1000 ml	6
361315.1612	2,5 l	4

Petroleum Ether 40-60°C (PAR) PAI

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H373-H411-H361f-H304

1l~0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range ..... 40-60°C
Density at 20/4 0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l

Order code	Package	Units/Box st.
321315.1611	1000 ml	6
321315.1612	2,5 l	4
321315.1646	4 l	4

Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H373-H411-H361f-H304

1l~0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range ..... 40-60°C
Density at 20/4 0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Sulphur compounds (as CS_2) ..... 0,005 %
Aromatic hydrocarbons (UV)(as C_6H_6) ..... 0,025 %
Acidity ..... 0,0003 meq/g
Water (H_2O) ..... 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481315.1611	1000 ml	6

Petroleum Ether 40-60°C PA-ACS-ISO

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H373-H411-H361f-H304

1l~0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range ..... 40-60°C
Density at 20/4 0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Sulphur compounds (as CS_2) ..... 0,005 %
Aromatic hydrocarbons (UV)(as C_6H_6) ..... 0,025 %
Acidity ..... 0,0003 meq/g
Water (H_2O) ..... 0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131315.1611	1000 ml	6
131315.1612	2,5 l	4
131315.0314	5 l	4
131315.0316	25 l	

Petroleum Ether 40-60°C PA

for extraction of fats for the determination of insoluble impurities in oils and fats according to UNE 663

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range	40-60°C
Density at 20/4	0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS_2)	0,005 %
Aromatic hydrocarbons (UV) (C_6H_6)	0,025 %
Peroxides	0,0001 %
Bromine index	1
Acidity	0,0003 meq/g
Water (H_2O)	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
121315.1611	1000 ml	6
121315.1612	2,5 l	4

Petroleum Ether 40-60°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range	40-60°C
Density at 20/4	0,640-0,655
Non-volatile matter	0,003 %
Sulphur compounds (as CS_2)	0,01 %
Aromatic hydrocarbons (UV)(as C_6H_6)	0,05 %
Acidity	0,001 meq/g
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141315.1611	1000 ml	6
141315.1612	2,5 l	4
141315.0314	5 l	4
141315.0616	25 l	

Petroleum Ether 40-60°C PS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range	40-60°C
Density at 20/4	0,640-0,655
Non-volatile matter	0,002 %
Water (H_2O)	0,02 %

Order code	Package	Units/Box st.
161315.1611	1000 ml	6
161315.1612	2,5 l	4
161315.1714	5 l	4
161315.0616	25 l	
161315.0619	200 l	

Petroleum Ether 50-70°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,66kg 1kg~1,51l

SPECIFICATIONS:

Boiling range	50-70°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS_2)	0,005 %
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,03 %
Acidity	0,0003 meq/g
Water (H_2O)	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
121862.1611	1000 ml	6
121862.1612	2,5 l	4
121862.0314	5 l	4
121862.0316	25 l	

Petroleum Ether 50-70°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,66kg 1kg~1,51l

SPECIFICATIONS:

Boiling range	50-70°C
Non-volatile matter	0,003 %
Sulphur compounds (as CS_2)	0,01 %
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,075 %
Acidity	0,001 meq/g
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141862.1611	1000 ml	6
141862.1612	2,5 l	4
141862.0314	5 l	4
141862.0616	25 l	

Petroleum Ether 60-80°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,67kg 1kg~1,49l

SPECIFICATIONS:

Boiling range	60-80°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS_2)	0,005 %
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,05 %
Acidity	0,0003 meq/g
Water (H_2O)	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
122701.1611	1000 ml	6
122701.0314	5 l	4
122701.0316	25 l	

Petroleum Ether 60-80°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,67kg 1kg~1,49l

SPECIFICATIONS:

Boiling range	60-80°C
Non-volatile matter	0,003 %
Sulphur compounds (as CS_2)	0,01 %
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,1 %
Acidity	0,001 meq/g
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142701.1611	1000 ml	6
142701.0314	5 l	4
142701.0616	25 l	

Petroleum Ether 65-95°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,68kg 1kg~1,47l

SPECIFICATIONS:

Boiling range	60-95°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS_2)	0,005 %
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,1 %
Acidity	0,0003 meq/g
Water (H_2O)	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
122702.1611	1000 ml	6
122702.0314	5 l	4

Petroleum Ether 65-95°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,68kg 1kg~1,47l

SPECIFICATIONS:

Boiling range	60-95°C
Non-volatile matter	0,003 %
Sulphur compounds (as S_2C)	0,01 %
Aromatic hydrocarbons (U.V.)(as C_6H_6)	0,2 %
Acidity	0,001 meq/g
Water (H_2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142702.1611	1000 ml	6
142702.0314	5 l	4
142702.0616	25 l	

Petroleum Ether 100-120°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,694kg 1kg~1,441l

SPECIFICATIONS:

Boiling range	100-120°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS_2)	0,005 %
Aromatic hydrocarbons (UV)(as C_6H_6)	0,1 %
Acidity	0,0003 meq/g
Water	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
124809.1611	1000 ml	6
124809.1612	2,5 l	4

Petroleum Ether 190-250°C-Kerosene for analysis PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,797kg 1kg~1,254l

SPECIFICATIONS:

Boiling range	190-250°C
Refractive index n 20/D	1,437-1,438

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,001 %
Darkened substances by H_2SO_4	p/t.
Water (H_2O)	0,01 %

Order code	Package	Units/Box st.
125286.1612	2,5 l	4
125286.0314	5 l	4

Petroleum Ether 190-250°C QP

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l~0,797kg 1kg~1,254l

SPECIFICATIONS:

Boiling range	190-250°C

Order code	Package	Units/Box st.
215286.1611	1000 ml	6
215286.0314	5 l	4
215286.0316	25 l	

pH

(see pH Indicators)

pH Buffers

(see Buffers for calibration of pH-meters)

1,10-Phenanthroline 1-hydrate PA-ACS

redox indicator
$C_{12}H_8N_2.H_2O$
M: 198,23 CAS: 5144-89-8 EINECS: 200-629-2 NC: 2933 99 90 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger


H301-H410

SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 99,0 %
Identity ..... IR p/t.
Melting range (anhydrous basis) ..... 117-119°C
MAXIMUM LIMIT OF IMPURITIES
Residue on ignition (as SO_4) ..... 0,1 %
Suitability as redox indicator ..... p/t.
Sensitivity to Fe ..... p/t.
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
131321.1604	5 g	6
131321.1606	25 g	6

Phenic Acid

(see Phenol)

Phenol PA-ACS

C_6H_6O
M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger


H331-H311-H301-H314-H373-H341

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Freezing point (a.d.s.) ..... ≥40,5°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Non-volatile matter ..... 0,01 %
o-Cresol (G.C.) ..... 0,05 %
m-Cresol (G.C.) ..... 0,05 %
p-Cresol (G.C.) ..... 0,05 %
Acidity (as HCl) ..... 0,0015 %
Alkalinity (as NaOH) ..... 0,0016 %
Water (H_2O) ..... 0,2 %
Chloride (Cl) ..... 0,0005 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
131322.1610	500 g	6
131322.1611	1000 g	6
131322.1214	5 kg	4
131322.0716	25 kg	

Phenol crystallized (detached crystals) PA-ACS

C_6H_6O
M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger


H331-H311-H301-H314-H373-H341

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Freezing point (a.d.s.) ..... ≥40,5°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,01 %
o-Cresol (G.C.) ..... 0,05 %
m-Cresol (G.C.) ..... 0,05 %
p-Cresol (G.C.) ..... 0,05 %
Water (H_2O) ..... 0,2 %
Chloride (Cl) ..... 0,0005 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000005 %
Fe ..... 0,00005 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00005 %

Order code	Package	Units/Box st.
134852.1209	250 g	6
134852.1211	1000 g	6
134852.0914	5 kg	

Phenol crystallized (detached crystals) (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C_6H_6O
M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger


H331-H311-H301-H314-H373-H341

SPECIFICATIONS:
Assay (C_6H_6O) 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Freezing point (a.d.s.) ..... ≥39,5°C
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,05 %
o-Cresol (G.C.) ..... 0,1 %
m-Cresol (G.C.) ..... 0,1 %
p-Cresol (G.C.) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Acidity ..... p/t.
Water (H_2O) ..... 0,5 %
Chloride (Cl) ..... 0,005 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
144852.1211	1000 g	6
144852.0914	5 kg	
144852.0716	25 kg	

Phenol crystallized, 99% (detached crystals) PS

C_6H_6O
M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger


H331-H311-H301-H314-H373-H341

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Freezing point (a.d.s.) ..... ≥40,5°C
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
164852.1210	500 g	6
164852.1211	1000 g	6
164852.0914	5 kg	

Phenol 90% aqueous solution (USP) PRS-CODEX

C_6H_5OH
M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 2821
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger


H331-H311-H301-H373-H314-H341

1l~1,07kg 1kg~0,93l
SPECIFICATIONS:
Minimum assay (C_6H_6O) ..... 89,0 %
Identity according to Pharmacopoeias ..... p/t.
Distillation point ..... <182,5 °C
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,01 %
Non-volatile matter ..... 0,05 %
o-Cresol (G.C.) ..... 0,1 %
m-Cresol (G.C.) ..... 0,1 %
p-Cresol (G.C.) ..... 0,1 %
Water (H_2O) (w/w) ..... 10 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Acidity ..... p/t.
Chloride (Cl) ..... 0,005 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141323.1611	1000 ml	6
141323.1214	5 l	4
141323.0716	25 l	

Phenol-1,2-Dichlorobenzene 50:50 w/w PA

for determination of the viscosity of polymers, according to ISO 1628
NC: 3822 00 00 UN: 2810
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger


H311-H301-H314-H319-H335-H315-H410

1l~1,180kg 1kg~0,847l

SPECIFICATIONS:
Assay (as Phenol) ..... 49,5-50,5 %
Assay (as 1,2-Dichlorobenzene) ..... 49,5-50,5 %
Density at 25/4 1,172-1,174

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O) ..... 0,02 %

Order code	Package	Units/Box st.
125574.1611	1000 ml	6

Phenolphthalein (Reag. Ph. Eur.) PA-ACS

$C_{20}H_{14}O_4$
M: 318,33 CAS: 77-09-8 EINECS: 201-004-7 NC: 2932 29 10
Signal Word: Danger


H350-H361f-H341

SPECIFICATIONS:
Minimum assay (HPLC) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 258-263°C
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
colourless 8,0
red-violet 10,0
Transition interval acc. to ACS ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 105°C ..... 1,0 %
Residue on ignition (as SO_4) ..... 0,1 %
As ..... 0,0002 %
Cu ..... 0,0005 %
Fe ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
131325.1208	100 g	6
131325.1210	500 g	6
131325.0914	5 kg	
131325.0416	25 kg	

Phenolphthalein (BP, Ph. Eur.) PRS-CODEX

$C_{20}H_{14}O_4$
M: 318,33 CAS: 77-09-8 EINECS: 201-004-7 NC: 2932 29 10
Signal Word: Danger


H350-H361f-H341

SPECIFICATIONS:
Assay (HPLC) calc. a.d.s 98,0-101,0%
Assay (Iodom.) calc. a.d.s. ..... 98,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 258-263°C

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Colour of solution ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Acidity or alkalinity ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Cromatography impurities (HPLC) ..... p/t.
Related substances (T.L.C.) ..... 0,5 %
Fluorane ..... p/t.
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0002 %
Cu ..... 0,001 %
Fe ..... 0,01 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141325.1208	100 g	6
141325.1210	500 g	6
141325.0914	5 kg	
141325.0416	25 kg	

PHENOLPHTHALEIN SOLUTIONS

Phenolphthalein solution 0,2% RV

pH indicator 8,0 colourless; 10,0 red violet
$C_{20}H_{14}O_4$
M: 318,33 NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H225

1l~0,918kg 1kg~1,089l

SPECIFICATIONS:
pH transition interval:
colourless 8,0
red-violet 10,0

Order code	Package	Units/Box st.
281326.1208	100 ml	6

Phenolphthalein solution 1% RV

pH indicator 8,0 colourless; 10,0 red violet
$C_{20}H_{14}O_4$
M: 318,33 NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H225-H350-H341

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:
pH transition interval:
colourless 8,0
red-violet 10,0

Order code	Package	Units/Box st.
281327.1209	250 ml	6
281327.1211	1000 ml	6

Phenolphthalein solution 1% VINIKIT

for determination of total acidity in wine and oils. pH indicator 8,0 colourless; 10,0 red violet
$C_{20}H_{14}O_4$
M: 318,33 NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H225-H350-H341

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:
pH transition interval:
colourless 8,0
red-violet 10,0

Order code	Package	Units/Box st.
621327.1209	250 ml	6
621327.1211	1000 ml	6

Phenol Red PA-ACS

pH indicator 6,8 yellow; 8,2 red
$C_{19}H_{14}O_5S$
M: 354,38 CAS: 143-74-8 EINECS: 205-609-7 NC: 2932 29 85

SPECIFICATIONS:
Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Transition interval according to ACS:
yellow 6,8
red 8,2
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 105°C ..... 5 %

Order code	Package	Units/Box st.
131615.1604	5 g	6
131615.1605	10 g	6
131615.1607	50 g	6

Phenol Red solution 0,02% RV

pH indicator 6,8 yellow; 8,2 red
$C_{19}H_{14}O_5S$
M: 354,38 CAS: 143-74-8 NC: 3822 00 00
1l~0,979kg 1kg~1,021l
Composition:
Phenol Red ..... 0,02 g
Sodium Hydroxide 0,1 mol/l ..... 0,6 ml
Ethanol absolute ..... 17 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281616.1208	100 ml	6

Phenol Red Sodium Salt PA-ACS

pH indicator 6,8 yellow 8,2 red
$C_{19}H_{13}NaO_5S$
M: 376,36 CAS: 34487-61-1 EINECS: 252-057-8 NC: 2932 29 85
SPECIFICATIONS:
Identity.....IR p/t.
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
pH transition interval:
yellow 6,8
red 8,2
Transition interval according to ACS ..... p/t.
Insoluble matter in H_2O..... p/t.
Loss on drying at 110°C..... 5 %

Order code	Package	Units/Box st.
133331.1604	5 g	6

Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w PA

for determination of the viscosity of polymers, according to ASTM D 4603, ISO 1628
NC: 3822 00 00 UN: 2810
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger
H330-H310-H300-H314-H411
1l~1,234kg 1kg~0,810l
SPECIFICATIONS:
Assay (as Phenol) .....58-62 %
Assay (as 1,1,2,2-Tetrachloroethane) .....38-42 %
Water (H_2O) .....0,05 %

Order code	Package	Units/Box st.
125396.1612	2,5 l	4

2-Phenoxyethanol, 99% PS

$C_8H_{10}O_2$
M: 138,17 CAS: 122-99-6 EINECS: 204-589-7 NC: 2909 49 90
Signal Word: Warning
H302-H319
1l~1,110kg 1kg~0,901l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15A631.1611	1000 ml	6
15A631.1612	2,5 l	4
15A631.1214	5 l	4
15A631.0716	25 l	

N-Phenylacetamide

(see Acetanilide)

Phenylacetic Acid, 99% PS

$C_8H_8O_2$
M: 136,14 CAS: 103-82-2 EINECS: 203-148-6 NC: 2916 34 00
Minimum assay (G.C. as methyl ester)..... 99 %
Identity.....IR p/t.
Melting range..... 74-77°C

Order code	Package	Units/Box st.
15A680.1209	250 g	6
15A680.1211	1000 g	6

Phenylacetylene, 97% PS

C_8H_6
M: 102,14 CAS: 536-74-3 EINECS: 208-645-1 NC: 2902 90 90 UN: 3295
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger
H226-H319-H335-H304
1l~0,932kg 1kg~1,073l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 97 %
Identity.....IR p/t.
Water (H_2O) .....0,25 %

Order code	Package	Units/Box st.
15A794.1606	25 ml	6
15A794.1608	100 ml	6

L-Phenylalanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_9H_{11}NO_2$
M: 165,19 CAS: 63-91-2 EINECS: 200-568-1 NC: 2922 50 00
SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}/D$ c=2 (in H_2O) (calc. a.d.s.) ..... -33,0 to-34,7°
pH of 1% solution 5,4-6,0
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in HCl 1 mol/l ..... p/t.
Loss on drying at 105°C.....0,3 %
Residue on ignition (as SO_4) .....0,1 %
Residual solvents (Ph.Eur./USP)..... p/t
Chloride (Cl).....0,02 %
Sulphate (SO_4) .....0,03 %
Ammonium (NH_4) .....0,02 %
Heavy metals (as Pb).....0,001 %
As .....0,00015 %
Cu .....0,001 %
Fe.....0,001 %
Ni .....0,001 %
Pb .....0,001 %

Order code	Package	Units/Box st.
142047.1208	100 g	6
142047.0914	5 kg	

L-Phenylalanine (F.C.C.) ADITIO

$C_9H_{11}NO_2$
M: 165,19 CAS: 63-91-2 EINECS: 200-568-1 NC: 2922 50 00
SPECIFICATIONS:
Assay (as $C_9H_{11}NO_2$) calc. a.d.s .....98,5-101,5 %
Appearance ..... p/t
Identity:
IR spectrum ..... p/t.
Lead, not more than ..... 5 ppm
Loss on drying, not more than .....0,2 %
Residue on ignition, not more than .....0,1 %
Specific rotation $[\alpha]^{20}/D$ calc. on the dried basis ..... -33,2 to-35,2°
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
202047.0914	5 kg	

L-Phenylalanine, 99% PS

$C_9H_{11}NO_2$
M: 165,19 CAS: 63-91-2 EINECS: 200-568-1 NC: 2922 50 00
Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152047.1606	25 g	6
152047.1608	100 g	6

Phenylamine

(see Aniline)

4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA

redox indicator
$C_{24}H_{20}BaN_2O_6S_2$
M: 633,90 CAS: 6211-24-1 EINECS: 228-278-0 NC: 2921 44 00 UN: 1564
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning
H332-H302
SPECIFICATIONS:
Identity.....IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 105°C..... 1 %
Sensitivity as indicator..... p/t.

Order code	Package	Units/Box st.
122353.1604	5 g	6
122353.1606	25 g	6

4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS

redox indicator
$C_{12}H_{10}NNaO_3S$
M: 271,27 CAS: 6152-67-6 EINECS: 228-165-6 NC: 2921 45 00
SPECIFICATIONS:
Identity.....IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Sensitivity as indicator..... p/t.

Order code	Package	Units/Box st.
132845.1605	10 g	6
132845.1606	25 g	6

N-Phenylaniline
(see Diphenylamine)

Phenylarsine Oxide, 95% PS
C_6H_5AsO
M: 168,03 CAS: 637-03-6 EINECS: 211-275-3 NC: 2931 00 95 UN: 3465
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger

H331-H301-H410
SPECIFICATIONS:
Minimum assay ..... 95 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A795.1604	5 g	6

Phenylarsonic Acid, 97% PS
$C_6H_7AsO_3$
M: 202,04 CAS: 98-05-5 EINECS: 202-631-9 NC: 2931 00 95 UN: 3465
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger

H331-H301-H410
SPECIFICATIONS:
Assay ..... 97 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B159.1206	25 g	6
15B159.1208	100 g	6

1-[4-(Phenylazo) Phenylazo]-2-Naphthol
(see Sudan III)

Phenylbenzene
(see Biphenyl)

4-Phenylbenzophenone
(see 4-Benzoylbiphenyl)

Phenyl Bromide
(see Bromobenzene)

2-Phenylbutyric Acid, 98% PS
$C_{10}H_{12}O_2$
M: 164,21 CAS: 90-27-7 EINECS: 201-982-5 NC: 2916 39 00
Signal Word: Warning

H302
SPECIFICATIONS:
Minimum assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 39-42°C

Order code	Package	Units/Box st.
15A916.1608	100 g	6
15A916.1610	500 g	6

Phenylcyanide
(see Benzonitrile)

(1R, 2S)-2-Phenyl-1-Cyclohexanol
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S, 2R)-2-Phenyl-1-Cyclohexanol
(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

2-Phenylethyl Acetate, 98% PS
$C_{10}H_{12}O_2$
M: 164,20 CAS: 103-45-7 EINECS: 203-113-5 NC: 2915 39 80
1l~1,034kg 1kg~0,967l
SPECIFICATIONS:
Minimum assay ..... 98 %
Identity ..... IR p/t.
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15A923.1609	250 ml	6

Phenylethylene
(see Styrene)

Phenyl Ethylketone
(see Propiophenone)

mono-Phenylglycol
(see 2-Phenoxyethanol)

Phenylhydrazine (Reag. USP) PA
$C_6H_8N_2$
M: 108,14 CAS: 100-63-0 EINECS: 202-873-5 NC: 2928 00 90 UN: 2572
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger

H350-H331-H311-H301-H319-H315-H317-H372-H341-H400
1l~1,098kg 1kg~0,911l
SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 98,0 %
Identity ..... IR p/t.
Freezing point ..... >16°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3COOH ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122376.1609	250 ml	6

Phenylhydrazine, 98% PS
$C_6H_8N_2$
M: 108,14 CAS: 100-63-0 EINECS: 202-873-5 NC: 2928 00 90 UN: 2572
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger

H350-H331-H311-H301-H319-H315-H317-H372-H341-H400-
1l~1,098kg 1kg~0,911l
SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,096-1,099

Order code	Package	Units/Box st.
162376.1608	100 ml	6
162376.1610	500 ml	6

2-Phenylhydrazinecarboxamide
(see 1-Phenylsemicarbazide)

Phenylhydrazinium Chlorhydrate
(see Phenylhydrazinium Chloride)

Phenylhydrazinium Chloride PA
$C_6H_5NHNH_2.HCl$
M: 144,61 CAS: 59-88-1 EINECS: 200-444-7 NC: 2928 00 90 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger

H350-H331-H311-H301-H319-H315-H317-H372-H341-H400
SPECIFICATIONS:
Minimum assay (Arg.) ..... 98,0 %
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,02 %
Residue on ignition (as SO_4) ..... 0,2 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
122328.1608	100 g	6
122328.1609	250 g	6

Phenylmagnesium Bromide 1,2M in THF PS
C_6H_5BrMg
M: 181,31 CAS: 100-58-3 EINECS: 202-867-2 NC: 3824 90 98 UN: 3399
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/- PAX: P CAO: P
Signal Word: Danger

H225-H261-EUH019-H314-H335
SPECIFICATIONS:
Assay (as C_6H_5BrMg) ..... 1,0-1,2 M

Order code	Package	Units/Box st.
15B127.1608	100 ml	6
15B127.1610	500 ml	6

Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_8H_8HgO_2$

M: 336,74 CAS: 62-38-4 EINECS: 200-532-5 NC: 2931 00 95 UN: 1674
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H301-H314-H372-H410

SPECIFICATIONS:
Assay (calc. a.d.s.).....98,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.
Melting range..... 149-153°C
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Loss on drying..... 0,5 %
Residue on ignition (as SO_4) ..... 0,2 %
Polymercurated benzene compounds ..... 1,5 %
Mercuric salts and Heavy metals ..... p/t.
Ionised mercury..... 0,2 %
Residual solvents (Ph.Eur./USP)..... p/t.

Order code	Package	Units/Box st.
142358.1608	100 g	6

Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX

$C_{12}H_{11}Hg_2NO_4$

M: 634,40 CAS: 8003-05-2 EINECS: 200-242-9 NC: 2931 00 95 UN: 1895
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H301-H314-H372-H410

SPECIFICATIONS:
Assay (as Hg) calc. a.d.s .....62,5-64,0 %
Identity according to Pharmacopoeias ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Loss on drying..... 1,0 %
Inorganic mercuric compounds..... 0,1 %
Residual solvents (Ph.Eur./USP)..... p/t.

Order code	Package	Units/Box st.
145518.1608	100 g	6

2-Phenylphenol

(see 2-Hydroxybiphenyl)

Phenylphosphate Sodium Salt

(see di-Sodium Phenyl Phosphate 2-hydrate)

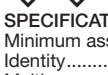
3-Phenyl-2-Propenal

(see Cinnamaldehyde)

1-Phenylsemicarbazide, 99% PS

$C_7H_9N_3O$

M: 151,17 CAS: 103-03-7 EINECS: 203-072-3 NC: 2928 00 90
Signal Word: Warning



H319-H335-H315-H351

SPECIFICATIONS:
Minimum assay (HPLC).....99 %
Identity.....IR p/t.
Melting range..... 171-175°C

Order code	Package	Units/Box st.
15A608.1207	50 g	6
15A608.1209	250 g	6

2-(Phenylthio) Ethanol, 98% PS

$C_8H_{10}OS$

M: 154,23 CAS: 699-12-7 EINECS: 211-828-9 NC: 2930 90 85
Signal Word: Warning



H319

1l~1,143kg 1kg~0,874l

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A110.1605	10 ml	6
15A110.1607	50 ml	6

pH INDICATORS

pH Indicator papers as reels (1 reel of 5 m x 10 mm in every box)

Universal Paper Reel pH 1-11 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524150.1825	Box	6

Universal Paper Reel pH 1-14 (gradation 1,0/2,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524151.1825	Box	6

Special Paper Reel pH 5,5-9,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524152.1825	Box	6

Special Paper Reel pH 3,8-5,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524153.1825	Box	6

Special Paper Reel pH 0,5-5,5 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524154.1825	Box	6

Special Paper Reel pH 9,0-13,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524155.1825	Box	6

Tricolor Paper Reel pH 1-11 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524169.1825	Box	6

pH indicator papers as strips with colour scale (box with 200 strips)

Strips pH 3,8-5,5 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524156.1826	Box	6

Strips pH 6,0-8,1 (gradation 0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524157.1826	Box	6

Strips pH 2,8-4,6 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524158.1826	Box	6

Strips pH 1-12 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524159.1826	Box	6

Strips pH 5,2-6,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524160.1826	Box	6

Strips pH 1,8-3,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524161.1826	Box	6

Strips pH 7,2-8,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524162.1826	Box	6

Strips pH 9,5-12,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524163.1826	Box	6

pH indicator papers sticks (non bleeding) (box with 100 strips)

Non bleeding sticks pH 0-14 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524164.1826	Box	6

Non bleeding sticks pH 4,5-10,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524165.1826	Box	6

Non bleeding sticks pH 3,6-6,1 (gradation 0,3/0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524166.1826	Box	6

Non bleeding sticks pH 0,0-6,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524167.1826	Box	6

Non bleeding sticks pH 7,0-14,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524168.1826	Box	6

Universal Indicator of pH, solution RV

COLOUR RANGE ZONE: pH 1,0 red sherry; pH 2,0 pink; pH 3,0 red orange; pH 4,0 orange red; pH 5,0 orange; pH 6,0 yellow; pH 7,0 yellow green; pH 8,0 green; pH 9,0 green bluish; pH 10,0 blue

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

H225

1l~0,800kg 1kg~1,250l

Composition:

p-Dimethylaminoazobenzene	60 mg
Methyl Red	40 mg
Bromothymol Blue	80 mg
Thymol Blue	100 mg
Phenolphthalein	20 mg
Sodium Hydroxide 1 mol/l	0,45 ml
Water	4 ml
Ethanol absolute	100 ml

Order code	Package	Units/Box st.
281370.1208	100 ml	6

Phloxine B (C.I. 45410) DC

for microscopy, bacteria staining, protozoos and seaweed, recount of eosinophils

$C_{20}H_2Br_4Cl_4Na_2O_5$

M: 829,64 CAS: 18472-87-2 EINECS: 242-355-6 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in C_2H_5OH 50%	546-550 nm
A 1%, 1 cm, λmáx	>750
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	10 %

Order code	Package	Units/Box st.
252081.1604	5 g	6
252081.1606	25 g	6

PHOSPHATE SOLUTION

(see Standards for Ionic Chromatography)

Phosphomolybdic Acid x-hydrate PA-ACS

$H_3[P(Mo_3O_{10})_4].xH_2O$

M: 1825,25 (anh.) CAS: 51429-74-4 EINECS: 234-713-5 NC: 2811 19 80 UN: 3260 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger

H314

SPECIFICATIONS:

Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,02 %
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,025 %
Ammonium (NH_4)	0,01 %
Heavy metals (as Pb)	0,005 %
Ca	0,02 %
Fe	0,002 %
K	0,05 %
Na	0,05 %
Pb	0,003 %

Order code	Package	Units/Box st.
131031.1606	25 g	6
131031.1608	100 g	6

Phosphonic Acid

(see Phosphorous Acid)

N-(Phosphonomethyl) Glycine, 95% PS

$C_3H_8NO_5P$

M: 169,07 CAS: 1071-83-6 EINECS: 213-997-4 NC: 2931 00 95 UN: 3077 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger

H318-H411

SPECIFICATIONS:

Assay	95 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15C098.1603	1 g	6
15C098.1604	5 g	6

ortho-Phosphoric Acid 85% PA-ACS-ISO

H_3PO_4

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger

H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:

Minimum assay (Acidim.)	85,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	0,001 %
Reducing substances to $KMnO_4$ (as O)	0,001 %
Suitability for COD determination	p/t.
Volatile acidity (as CH_3COOH)	0,001 %
Chloride (Cl)	0,0003 %
Nitrate (NO_3)	0,0005 %
Silicate (SiO_2)	0,025 %
Sulphate (SO_4)	0,003 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	1	Fe	10	Pb	1
Al	5	Ga	1	Pt	5
Au	1	Ge	1	Sb	2
B	1	Hg	1	Si	5
Ba	5	In	5	Sn	1
Be	1	K	5	Sr	1
Bi	1	Li	5	Ti	1
Ca	10	Mg	10	Tl	1
Cd	1	Mn	0,5	V	1
Co	1	Mo	1	Zn	2
Cr	5	Na	250	Zr	1
Cu	1	Ni	1		

Order code	Package	Units/Box st.
131032.1211	1000 ml	6
131032.1212	2,5 l	4
131032.1214	5 l	4
131032.0716	25 l	

ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

H_3PO_4

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:

Assay (Acidim.)	85,0-88,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Precipit. substances by NH_4OH	p/t.
Hypophosphorous and phosphorous acid	p/t.
Chloride (Cl)	0,005 %
Alkaline phosphates	p/t.
Nitrate	p/t.
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Ca	0,01 %
Cu	0,001 %
Fe	0,005 %
Mg	0,01 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141032.1211	1000 ml	6
141032.1212	2,5 l	4
141032.1214	5 l	4
141032.0716	25 l	
141032.0718	60 l	

ortho-Phosphoric Acid 85% (F.C.C.) ADITIO

H_3PO_4

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:

Assay (Acidim.), not less than	85 %
Appearance	p/t
Identity:	
Phosphate	p/t.
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Chloride, not more than	0,02 %
Nitrate (as $NaNO_3$), not more than	5 ppm
Sulphate (as $CaSO_4$), not more than	0,15 %
Heavy metals (as Pb), not more than	5 ppm
Volatile acidity (as CH_3COOH), not more than	10 ppm
Cadmium (Cd), not more than	1 ppm
Lead (Pb), not more than	3 ppm
Mercury (Hg), not more than	1 ppm

Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201032.1214	5 l	
201032.0716	25 l	

ortho-Phosphoric Acid 85% QP

H_3PO_4

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:

Assay (Acidim.)	84 %
Chloride (Cl)	0,01 %
Nitrate (NO_3)	0,01 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211032.1214	5 l	
211032.0716	25 l	
211032.0718	60 l	

ortho-Phosphoric Acid 50% PA

H_3PO_4

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~1,33kg 1kg~0,75l

SPECIFICATIONS:

Assay (Acidim.)	50-51 %

MAXIMUM LIMIT OF IMPURITIES

Reducing substances to $KMnO_4$ (as O)	0,001 %
Volatile acidity (as CH_3COOH)	0,001 %
Chloride (Cl)	0,0005 %
Nitrate (NO_3)	0,0005 %
Silicate (as SiO_2)	0,025 %
Sulphate (SO_4)	0,006 %
As	0,0001 %
Ca	0,005 %
Cd	0,0001 %
Co	0,0001 %
Cr	0,0001 %
Cu	0,0001 %
Fe	0,001 %
K	0,0005 %
Mg	0,001 %
Mn	0,0001 %
Na	0,05 %
Ni	0,0001 %
Pb	0,0001 %
Sb	0,0002 %
Zn	0,0002 %

Order code	Package	Units/Box st.
121660.1611	1000 ml	6
121660.1214	5 l	4

meta-Phosphoric Acid stabilized with $NaPO_3$ (Reag. Ph. Eur.) PA-ACS

$(HPO_3)_n$

M: (79,98)n CAS: 37267-86-0 EINECS: 253-433-4 NC: 2809 20 00 UN: 3260
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (as HPO_3)	33,5-36,5 %

MAXIMUM LIMIT OF IMPURITIES

Reducing substances by $KMnO_4$ (as H_3PO_3)	0,01 %
Stabilizer ($NaPO_3$)	57,0-63,0 %
Chloride (Cl)	0,001 %
Nitrate (NO_3)	0,001 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,005 %
As	0,0001 %
Cd	0,001 %
Co	0,0005 %
Cu	0,001 %
Fe	0,005 %
Mn	0,0005 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
135324.1208	100 g	6
135324.1209	250 g	6
135324.1211	1000 g	6

Phosphoric Anhydride

(see di-Phosphorus penta-Oxide)

Phosphorous Acid PRS

H_3PO_3

M: 82,00 CAS: 13598-36-2 EINECS: 237-066-7 NC: 2811 19 80 UN: 2834
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay	98,5 %
Chloride (as HCl)	0,005 %
Fe	0,002 %

Order code	Package	Units/Box st.
143573.1209	250 g	6

Phosphorus red PRS

P

M: 30,97 CAS: 7723-14-0 EINECS: 231-768-7 NC: 2804 70 00 UN: 1338
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 422 CAO: 421
Signal Word: Danger



H228-H412

SPECIFICATIONS:
Yellow Phosphorus ..... p/t.

Order code	Package	Units/Box st.
141329.1209	250 g	6
141329.0914	5 kg	

PHOSPHORUS SOLUTIONS

(see Standards for ICP)

Phosphorus tri-Bromide, 98% PS

PBr_3

M: 270,70 CAS: 7789-60-8 EINECS: 232-178-2 NC: 2812 10 18 UN: 1808
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



EUH014-H314-H335 CE: 015-103-00-6

1l~2,880kg 1kg~0,347l

SPECIFICATIONS:
Minimum assay (Arg.) ..... 98 %
Density at 20/4 2,875-2,885

Order code	Package	Units/Box st.
15A801.1608	100 ml	6

di-Phosphorus penta-Oxide (Reag. Ph. Eur.) PA-ACS-ISO

P_2O_5

M: 141,94 CAS: 1314-56-3 EINECS: 215-236-1 NC: 2809 10 00 UN: 1807
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 98,0 %

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,02 %
Phosphorus(III) oxide (P_2O_3) ..... 0,02 %
Nitrogen compounds (as N) ..... 0,002 %
Heavy metals (as Pb) ..... 0,005 %
As ..... 0,005 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Ga 5	Pt 5
Ba 5	Hg 10	Sb 5
Be 5	K 50	Si 5
Bi 5	Li 5	Sn 5
Ca 50	Mg 5	Sr 5
Cd 5	Mn 5	Ti 5
Co 5	Mo 5	Tl 5
Cr 5	Na 50	V 5
Cu 5	Ni 5	Zn 5
Fe 5	Pb 5	Zr 5

Order code	Package	Units/Box st.
131154.1208	100 g	6
131154.1210	500 g	6

di-Phosphorus penta-Oxide PRS

P_2O_5

M: 141,94 CAS: 1314-56-3 EINECS: 215-236-1 NC: 2809 10 00 UN: 1807
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314

SPECIFICATIONS:
Assay (Acidim.) ..... 98 %
Insoluble matter in H_2O ..... 0,05 %
Phosphorus(III) oxide (P_2O_3) ..... 0,05 %
Nitrogen compounds (as N) ..... 0,01 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141154.1210	500 g	6
141154.1211	1000 g	6

di-Phosphorus penta-Oxide, 98% PS

P_2O_5

M: 141,94 CAS: 1314-56-3 EINECS: 215-236-1 NC: 2809 10 00 UN: 1807
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314

SPECIFICATIONS:
Assay (Acidim.) ..... 98 %

Order code	Package	Units/Box st.
151154.1208	100 g	6
151154.1210	500 g	6

Phosphorus Oxide Trichloride

(see Phosphoryl Chloride)

Phosphorus Oxychloride

(see Phosphoryl Chloride)

Phosphorus(V) Oxyde

(see di-Phosphorus penta-Oxide)

Phosphoryl Chloride, 99% PS

$POCl_3$

M: 153,33 CAS: 10025-87-3 EINECS: 233-046-7 NC: 2812 10 11 UN: 1810
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: P
Signal Word: Danger



EUH014-H302-H330-H314-H372

1l~1,675kg 1kg~0,597l

SPECIFICATIONS:
Minimum assay (Arg.) ..... 99 %
Density at 20/4 1,673-1,677

Order code	Package	Units/Box st.
15A800.1611	1000 ml	6
15A800.1612	2,5 l	4
15A800.0816	25 l	

Phosphotungstic Acid hydrate PA

$H_3[P(W_3O_{10})_4].xH_2O$

M: 2880,17(anhyd) CAS: 12067-99-1 EINECS: 235-087-6 NC: 2811 19 80

SPECIFICATIONS:
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 800°C ..... 17 %
Nitrogen compounds (as N) ..... 0,002 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,02 %
Cd ..... 0,001 %
Co ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,002 %
K ..... 0,03 %
Na ..... 0,03 %
Ni ..... 0,001 %
Pb ..... 0,002 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
121033.1606	25 g	6
121033.1608	100 g	6

Phosphowolframic Acid

(see Phosphotungstic Acid hydrate)

Phthalein Purple PA-ACS

for complexometry

$C_{32}H_{32}N_2O_{12}$

M: 636,62 CAS: 2411-89-4 EINECS: 219-318-8 NC: 2932 29 85

SPECIFICATIONS:
Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH_3OH ..... p/t.
Loss on drying at 135°C ..... 15 %
Residue on ignition (as SO_4) ..... 1,0 %
o-Cresolphthalein ..... p/t.
Suitability as a mixted indicator for complexometry according to ACS ..... p/t.

Order code	Package	Units/Box st.
132637.1603	1 g	6

Phthalic Acid, 99,5% PS

$C_8H_6O_4$

M: 166,13 CAS: 88-99-3 EINECS: 201-873-2 NC: 2917 20 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 99,5 %

Order code	Package	Units/Box st.
15A330.1609	250 g	6
15A330.1611	1000 g	6

Phthalic Acid Diethyl Ester

(see Diethyl Phthalate)

Phthalic Acid Dimethyl Ester

(see Dimethyl Phthalate)

Phthalic Anhydride PA-ACS

$C_8H_4O_3$

M: 148,12 CAS: 85-44-9 EINECS: 201-607-5 NC: 2917 35 00 UN: 2214

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H335-H315-H318-H334-H317

SPECIFICATIONS:

Assay (Morpholine meth.) 99,0-100,2%
Identity ..... IR p/t.
Melting range ..... 129-132°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,01 %
Sulphur compounds (as SO_4) ..... 0,003 %
Chloride (Cl) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
131155.1210	500 g	6
131155.1211	1000 g	6
131155.0914	5 kg	
131155.0416	25 kg	

Phthalic Anhydride, 98% PS

$C_8H_4O_3$

M: 148,12 CAS: 85-44-9 EINECS: 201-607-5 NC: 2917 35 00 UN: 2214

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H335-H315-H318-H334-H317

SPECIFICATIONS:

Minimum assay (Morpholine met.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 129-132°C

Order code	Package	Units/Box st.
161155.1209	250 g	6
161155.1211	1000 g	6

Phthalide, 99% PS

$C_8H_6O_2$

M: 134,14 CAS: 87-41-2 EINECS: 201-744-0 NC: 2932 29 85

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 70-73°C

Order code	Package	Units/Box st.
15A802.1208	100 g	6

Phthalimide, 98% PS

$C_8H_5NO_2$

M: 147,13 CAS: 85-41-6 EINECS: 201-603-3 NC: 2925 19 95

SPECIFICATIONS:

Assay (Acidim.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 232-238°C

Order code	Package	Units/Box st.
151330.1208	100 g	6
151330.1211	1000 g	6

Phthalimide Potassium Salt, 98% PS

$C_8H_4KNO_2$

M: 185,23 CAS: 1074-82-4 EINECS: 214-046-6 NC: 2925 19 95

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15B018.1604	5 g	6
15B018.1608	100 g	6
15B018.1610	500 g	6

2-Picoline

(see 2-Methylpyridine)

Picric Acid moistened with ~33% of H_2O (Reag. Ph. Eur.) PRS

$C_6H_3N_3O_7$

M: 229,11 CAS: 88-89-1 EINECS: 201-865-9 NC: 2908 99 90 UN: 1344

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412

Signal Word: Danger



EUH001-H331-H311-H301

SPECIFICATIONS:

Assay (Acidim.) ..... 98,0 %
Identity ..... IR p/t.
Melting range ..... 119-122°C
Insoluble and resinous matter ..... 0,1 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,5 %
(Analysis applied to the dry substance)

Order code	Package	Units/Box st.
141048.1609	250 g	6
141048.1610	500 g	6

Picric Acid, 98% moistened with ~33% of H_2O PS

$C_6H_3N_3O_7$

M: 229,11 CAS: 88-89-1 EINECS: 201-865-9 NC: 2908 99 90 UN: 1344

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412

Signal Word: Danger



EUH001-H331-H311-H301

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.
(Analysis applied to the dry substance)

Order code	Package	Units/Box st.
151048.1608	100 g	6
151048.1610	500 g	6

Picric Acid saturated solution DC

for determination of alcohol and creatinine

$C_6H_3N_3O_7$

M: 229,11 CAS: 88-89-1 EINECS: 201-865-9 NC: 2908 99 90

1l~1,006kg 1kg~0,994l

SPECIFICATIONS:

Minimum assay (w/v) ..... 1,2 %

Order code	Package	Units/Box st.
251049.1610	500 ml	6

Pimelic Ketone

(see Cyclohexanone)

Piperazidine

(see Piperazine anhydrous)

Piperazine anhydrous, 98% PS

$C_4H_{10}N_2$

M: 86,14 CAS: 110-85-0 EINECS: 203-808-3 NC: 2933 59 95 UN: 2579

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314-H334-H317-H361fd

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 108-111°C

Order code	Package	Units/Box st.
15A849.1208	100 g	6
15A849.1210	500 g	6

Piperazine 6-hydrate PRS

$NHCH_2CH_2NHCH_2CH_2.6H_2O$

M: 194,23 CAS: 142-63-2 EINECS: 203-808-3 NC: 2933 59 95 UN: 2579

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314-H334-H317-H361fd

SPECIFICATIONS:

Assay (as N)(N deter.) ..... 13,9-14,6 %
Residue on ignition ..... 0,2 %
Amines and ammonia (as NH_3) ..... 0,7 %
Cu ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
141453.1210	500 g	6

Piperidine (Reag. Ph. Eur.) PA

$C_5H_{11}N$

M: 85,15 CAS: 110-89-4 EINECS: 203-813-0 NC: 2933 32 00 UN: 2401
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger



H225-H331-H311-H314

1l~0,863kg 1kg~1,159l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,861-0,864
Boiling range (>95% dist.)	104-106°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,05 %
2-Methilpyridine (G.C.)	0,1 %
Pyridine (G.C.)	0,3 %
Water (H_2O)	0,3 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,001 %
Cu	0,0001 %
Fe	0,0001 %
Ni	0,0001 %
Pb	0,0001 %

Order code	Package	Units/Box st.
122377.1608	100 ml	6
122377.1610	500 ml	6

Piperidine, 99% PS

$C_5H_{11}N$

M: 85,15 CAS: 110-89-4 EINECS: 203-813-0 NC: 2933 32 00 UN: 2401
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger



H225-H331-H311-H314

1l~0,863kg 1kg~1,159l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,861-0,864
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
162377.1610	500 ml	6
162377.1611	1000 ml	6

4-Piperidinol

(see 4-Hydroxypiperidine)

(R)-2-Piperidino-1,1,2-Triphenylethanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-2-Piperidino-1,1,2-Triphenylethanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

PIPES

(see Piperazine-1,4-Bis (2-Ethanesulfonic) Acid)

PLATINUM SOLUTIONS

(see Standards for ICP)

Platinum(IV) Chloride anhydrous, 98% PS

$PtCl_4$

M: 336,90 CAS: 13454-96-1 EINECS: 236-645-1 NC: 2843 90 90 UN: 3260
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H302-H314-H317

SPECIFICATIONS:

Minimum assay	98 %

Bottled under argon atmosphere.

Order code	Package	Units/Box st.
165306.1603	1 g	6

Platinum Dioxide

(see Platinum(IV) Oxide x-hydrate)

Platinum(IV) Oxide x-hydrate PS

$PtO_2.xH_2O$

M: 227,09(anh) CAS: 1314-15-4 EINECS: 215-223-0 NC: 2843 90 90 UN: 3085
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Warning



H272-H315-H317

SPECIFICATIONS:

Minimum assay (Pt)	80,5 %

Order code	Package	Units/Box st.
15A853.1603	1 g	6
15A853.1604	5 g	6

Plumbic

(see Lead(IV) compounds)

Plumbous

(see Lead(II) compounds)

Polyethylene Glycol 200 PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
1l~1,127kg 1kg~0,887l

SPECIFICATIONS:

Average molecular weight	190-210
Identity	IR p/t.
Density at 20/4	1,125-1,128
Hydroxyl value	535-590

Order code	Package	Units/Box st.
162434.1211	1000 ml	6
162434.1214	5 l	4
162434.0716	25 l	

Polyethylene Glycol 300 PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
1l~1,127kg 1kg~0,887l

SPECIFICATIONS:

Average molecular weight	285-315
Identity	IR p/t.
Density at 20/4	1,125-1,128
Hydroxyl value	356-394

Order code	Package	Units/Box st.
162435.1211	1000 ml	6
162435.1214	5 l	4
162435.0716	25 l	

Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
1l~1,127kg 1kg~0,887l

Average molecular weight	380-420
Identity according to Pharmacopoeias	p/t.
Hydroxyl value	264-300
Viscosity at 99°C	6,8-8,0 cSt
Kinematic viscosity at 20°C	94-116 cSt
Dynamic viscosity at 20°C	105-130 mPa.s
pH of 5% solution	4,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Residue on ignition (as SO_4)	0,1 %
Reducing substances	p/t.
Residual Solvents (Ph.Eur./USP)	p/t.
Ethylene Oxide (G.C)	0,0001 %
1,4-Dioxane (G.C.)	0,001 %
Ethylene Glycol and Diethylene Glycol (G.C.)	0,25 %
Acidity or alkalinity	p/t.
Water (H_2O)	2,0 %
Formaldehyde (CH_2O)	0,0015 %
Heavy metals (as Pb)	0,0005 %
As	0,0003 %

Order code	Package	Units/Box st.
142436.1611	1000 ml	6
142436.1214	5 l	4

Polyethylene Glycol 400 PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
1l~1,127kg 1kg~0,887l

SPECIFICATIONS:

Average molecular weight	380-420
Identity	IR p/t.
Density at 20/4	1,125-1,128
Hydroxyl value	267-295

Order code	Package	Units/Box st.
162436.1611	1000 ml	6
162436.1214	5 l	4
162436.0716	25 l	

Polyethylene Glycol 600 PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
1l~1,126kg 1kg~0,888l

SPECIFICATIONS:

Average molecular weight	560-640
Identity	IR p/t.
Density at 20/4	1,125-1,128
Hydroxyl value	175-198

Order code	Package	Units/Box st.
163925.1611	1000 ml	6
163925.1214	5 l	4

Polyethylene Glycol 1500 PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 1400-1600
Identity ..... IR p/t.
Melting range ..... 42-48°C
Hydroxyl value 66-80

Order code	Package	Units/Box st.
162525.1211	1000 g	6
162525.0914	5 kg	
162525.0416	25 kg	

Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 3600-4400
Identity according to Pharmacopoeias ..... p/t.
Hydroxyl value 25-32
Viscosity at 99°C ..... 110-158 cSt
Kinematic viscosity of 50% w/w sol. at 20°C ..... 102-158 cSt
Dynamic viscosity of 50% w/w sol. at 20°C ..... 110-170 mPa.s
Freezing point ..... 53-58°C
pH of 5% solution 4,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Reducing substances ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t.
Ethylene Oxide (G.C.) ..... 0,0001 %
1,4-Dioxane (G.C.) ..... 0,001 %
Acidity or alkalinity ..... p/t.
Water (H_2O) ..... 1,0 %
Formaldehyde (CH_2O) ..... 0,0015 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0003 %

Order code	Package	Units/Box st.
142438.1211	1000 g	6
142438.0914	5 kg	

Polyethylene Glycol 4000 flakes PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 3500-4500
Identity ..... IR p/t.
Melting range ..... 58-62°C
Hydroxyl value 25-35

Order code	Package	Units/Box st.
162438.1211	1000 g	6
162438.0914	5 kg	
162438.0416	25 kg	

Polyethylene Glycol 6000 flakes PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 5000-7000
Identity ..... IR p/t.
Melting range ..... 59-64°C
Hydroxyl value 16-23

Order code	Package	Units/Box st.
162439.1211	1000 g	6
162439.0914	5 kg	
162439.0416	25 kg	

Polyethylene Glycol 6000 powder PS

$HO(C_2H_4O)_nH$

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 5000-7000
Identity ..... IR p/t.
Melting range ..... 59-64°C
Hydroxyl value 16-23

Order code	Package	Units/Box st.
163325.1211	1000 g	6
163325.0914	5 kg	
163325.0416	25 kg	

Polyoxiethylenelauric Ether

(see Brij ® 35)

Polyphosphoric Acid PS

$H_{n+2}P_nO_{3n+1}$

CAS: 8017-16-1 EINECS: 232-417-0 NC: 2809 20 00 UN: 1805
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



H314

1l~2,060kg 1kg~0,485l

SPECIFICATIONS:

Assay (Acidim.) (as P_2O_5) ..... ~85 %

Order code	Package	Units/Box st.
15A471.1606	25 g	6
15A471.1611	1000 g	6

Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,2 %
Total ash 0,25%
Composition of fatty acids ..... p/t.
Acidity value 2,0
Hydroxyl value 96-108
Peroxide value 10,0
Saponification value 40-50
Iodine value 5,0
Reducing Impurities ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t.
Ethylene Oxide ..... 0,0001 %
Dioxane ..... 0,001 %
Water (H_2O) ..... 3,0 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
146076.1611	1000 ml	6

Polysorbate 20 (E-432) ADITIO

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than ..... 97,3 %
Water (H_2O), not more than ..... 3 %
Acidity value, not more than 2
Saponification value 40-50
Hydroxyl value 96-108
1,4-Dioxane, not more than ..... 5 ppm
Ethylene Oxide, not more than ..... 0,2 ppm
Ethylene Glycol (mono- and di-), not more than ..... 0,25 %
Arsenic, not more than ..... 3 ppm
Lead, not more than ..... 5 ppm
Mercury, not more than ..... 1 ppm
Cadmium, not more than ..... 1 ppm
Specifications Dir. 2003/95/CE

Order code	Package	Units/Box st.
206076.1214	5 l	4
206076.0716	25 l	

Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX

M: 1283,64 CAS: 9005-66-7 NC: 3402 13 00

1l~1,090kg 1kg~0,917l

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Hydroxyl value 89-105
Saponification value 41-52

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (SO_4) ..... 0,25 %
Total ash 0,25%
Composition of fatty acids ..... p/t.
Acidity value 2,0
Peroxide value 10,0
Residual solvents (Ph.Eur./USP) ..... p/t.
Ethylene Oxide ..... 0,0001 %
Dioxane ..... 0,001 %
Water (H_2O) ..... 3,0 %
Heavy metals (as Pb) ..... 0,001 %

Order code	Package	Units/Box st.
146158.1611	1000 ml	6
146158.1214	5 l	4
146158.0716	25 l	

Polysorbate 40 (E-434) ADITIO

M: 1283,64 CAS: 9005-66-7 NC: 3402 13 00

1l~1,090kg 1kg~0,917l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	97 %
Water (H_2O), not more than	3 %
Acidity value, not more than	2
Saponification value	41-52
Hydroxyl value	90-107
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206158.1214	5 l	4
206158.0716	25 l	

Polysorbate 40 PS

M: 1283,64 CAS: 9005-66-7 NC: 3402 13 00

1l~1,090kg 1kg~0,917l

SPECIFICATIONS:

Hydroxyl value	89-105
Saponification value	41-52

Order code	Package	Units/Box st.
156158.1611	1000 ml	6
156158.1214	5 l	4
156158.0716	25 l	

Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX

$C_{64}H_{126}O_{26}$

M: 1311,67 CAS: 9005-67-8 EINECS: 500-020-4 NC: 3402 13 00

1l~1,080kg 1kg~0,926l

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t.
Hydroxyl value	81-96
Saponification value	45-55

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (SO_4)	0,2 %
Total ash	0,25%
Composition of fatty acids	p/t.
Acidity value	2,0
Peroxide value	10,0
Iodine value	5,0
Reducing impurities	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Ethylene Oxide	0,0001 %
Dioxane	0,001 %
Water (H_2O)	3,0 %
Heavy metals (as Pb)	0,001 %

Order code	Package	Units/Box st.
146159.1611	1000 ml	6
146159.1214	5 l	4
146159.0716	25 l	

Polysorbate 60 (E-435) ADITIO

$C_{64}H_{126}O_{26}$

M: 1311,67 CAS: 9005-67-8 EINECS: 500-020-4 NC: 3402 13 00

1l~1,080kg 1kg~0,926l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	97 %
Water (H_2O), not more than	3 %
Acidity value, not more than	2
Saponification value	45-55
Hydroxyl value	81-96
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206159.1214	5 l	4
206159.0716	25 l	

Polysorbate 60 PS

$C_{64}H_{126}O_{26}$

M: 1311,67 CAS: 9005-67-8 EINECS: 500-020-4 NC: 3402 13 00

1l~1,080kg 1kg~0,926l

SPECIFICATIONS:

Hydroxyl value	81-96
Saponification value	45-55

Order code	Package	Units/Box st.
156159.1611	1000 ml	6
156159.1214	5 l	4
156159.0716	25 l	

Polysorbate 65 (E-436) ADITIO

CAS: 9005-71-4 NC: 3402 13 00

1l~1,050kg 1kg~0,952l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	96 %
Water (H_2O), not more than	3 %
Acidity value, not more than	2
Saponification value	88-98
Hydroxyl value	40-60
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206160.1214	5 l	4
206160.0716	25 l	

Polysorbate 65 PS

CAS: 9005-71-4 NC: 3402 13 00

1l~1,050kg 1kg~0,952l

SPECIFICATIONS:

Hydroxyl value	40-60
Saponification value	88-98

Order code	Package	Units/Box st.
156160.1611	1000 ml	6
156160.1214	5 l	4
156160.0716	25 l	

Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t.
Density at 25/25	1,06-1,09
Viscosity at 25°C	300-500 cSt

MAXIMUM LIMIT OF IMPURITIES

Total ash	0,25 %
Composition of fatty acids	p/t.
Acidity value	2,0
Hydroxyl value	65-80
Peroxide value	10,0
Saponification value	45-55
Iodine value	18-24
Reducing impurities	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Ethylene Oxide	0,0001 %
Dioxane	0,001 %
Water (H_2O)	3,0 %
Heavy metals (as Pb)	0,001 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
146075.1611	1000 ml	6
146075.0716	25 l	

Polysorbate 80 (E-433) ADITIO

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	96,5 %
Water (H_2O), not more than	3 %
Acidity value, not more than	2
Saponification value	45-55
Hydroxyl value	65-80
1,4-Dioxane, not more than	5 ppm
Ethylene Oxyde, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206075.1214	5 l	4
206075.0716	25 l	

Polysorbate 80 PS

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Hydroxyl value	65-80
Saponification value	45-55

Order code	Package	Units/Box st.
156075.1611	1000 ml	6
156075.1214	5 l	4

Polysorbate 85 PS

CAS: 9005-70-3 NC: 3402 13 00

1l~1,110kg 1kg~0,901l

SPECIFICATIONS:

Hydroxyl value 38-52
Saponification value 85-98

Order code	Package	Units/Box st.
154406.1611	1000 ml	6
154406.1214	5 l	4
154406.0716	25 l	

Ponceau B

(see Biebrich Scarlet)

Ponceau S (C.I. 27195) DC

for electrophoresis

$C_{22}H_{12}N_4Na_4O_{13}S_4$

M: 760,56 CAS: 6226-79-5 EINECS: 228-319-2 NC: 3204 12 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 517-523 nm
A 1%, 1 cm, λmax ..... >460
Ratio λmax P ± 15 nm 0,98-1,10
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 10 %

Order code	Package	Units/Box st.
253983.1604	5 g	6
253983.1606	25 g	6

POTASSIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Potassium Acetate PA-ACS

CH_3COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 99,0 %
pH of 5% solution 6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,002 %
Nitrogen compounds (as N) ..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,001 %
Na ..... 0,03 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131479.1210	500 g	6
131479.1211	1000 g	6

Potassium Acetate PA

CH_3COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 99,0 %
pH of 5% solution 6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,002 %
Nitrogen compounds (as N) ..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,005 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,005 %
Na ..... 0,25 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
121479.1210	500 g	6
121479.1211	1000 g	6
121479.0914	5 kg	
121479.0416	25 kg	

Potassium Acetate (RFE, BP, Ph. Eur.) PRS-CODEX

CH_3COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. ..... 99,0-101,0 %
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 105°C ..... 3,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Reducing substances ..... p/t.
Chloride (Cl) ..... 0,01 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Heavy metals (as Pb) ..... 0,0004 %
Al ..... 0,0001 %
As ..... 0,0002 %
Ca ..... 0,05 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Mg ..... 0,05 %
Na ..... 0,5 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141479.1210	500 g	6
141479.1211	1000 g	6
141479.0914	5 kg	
141479.0416	25 kg	

Potassium Acetate (E-261) ADITIO

CH_3COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (as $C_2H_3O_2K$)(calc. on dried basis) not less than ..... 99,0 %
Formic acid, formiates and other oxidizable imp. (formic acid), not more than ..... 0,1 %
pH of 5% solution 7,5-9,0
Loss on drying at 150°C, not more than ..... 8 %
Arsenic (as As), not more than ..... 3 ppm
Lead, not more than ..... 5 ppm
Heavy metals (as Pb), not more than ..... 0,001 %
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
201479.0914	5 kg	

Potassium Alum

(see Aluminium Potassium Sulphate 12-hydrate)

Potassium Aluminium Sulphate

(see Aluminium Potassium Sulphate 12-hydrate)

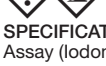
Potassium Antimony(III) Tartrate 3-hydrate PA-ACS

$C_8H_4K_2O_{12}Sb_2.3H_2O$

M: 667,87 CAS: 28300-74-5 EINECS: 234-293-3 NC: 2918 13 00 UN: 1551

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302-H411

SPECIFICATIONS:

Assay (Iodom.) 99,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,02 %
Loss on drying at 105°C ..... 2,7 %
Acidity or Alkalinity ..... 0,02 meq/g
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
As ..... 0,015 %

Order code	Package	Units/Box st.
131159.1210	500 g	6

Potassium Antimony(III) Tartrate 3-hydrate PRS

$C_8H_4K_2O_{12}Sb_2.3H_2O$

M: 667,87 CAS: 28300-74-5 EINECS: 234-293-3 NC: 2918 13 00 UN: 1551

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302-H411

SPECIFICATIONS:

Assay (Iodom.) ..... 98 %
pH of 5% solution 3,8-4,2
Insoluble matter in H_2O ..... 0,05 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,02 %

Order code	Package	Units/Box st.
141159.1210	500 g	6
141159.1214	5 kg	4
141159.0416	25 kg	

Potassium Bicarbonate
(see Potassium Hydrogen Carbonate)

Potassium Bifluoride
(see Potassium Hydrogen Difluoride)

Potassium Biiodate
(see Potassium Hydrogen Diiodate)

Potassium Bioxalate
(see Potassium Hydrogen Oxalate)

Potassium Biphthalate
(see Potassium Hydrogen Phthalate)

Potassium Bisulphate
(see Potassium Hydrogen Sulphate)

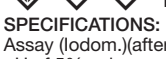
Potassium meta-Bisulphite
(see Potassium Disulphite)

Potassium Bitartrate
(see Potassium Hydrogen Tartrate)

Potassium Boron Tartrate PRS
CAS: 12001-68-2 NC: 2918 13 00
SPECIFICATIONS:
Insoluble matter in H_2O ..... 0,05 %
Chloride (Cl) ..... 0,05 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141198.1210	500 g	6

Potassium Bromate EQP-ACS-ISO
Primary Chemical Matter
$KBrO_3$
M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350-H271-H301
SPECIFICATIONS:
Assay (Iodom.)(after dried at 130°C) 99,95-100,05%
pH of 5% sol. 5,0-9,0
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Nitrogen compounds (as N) ..... 0,001 %
Bromide (Br) ..... 0,02 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
241487.1521	10 x 1,5 g	6
241487.1608	100 g	6

Potassium Bromate (Reag. Ph. Eur.) PA-ACS-ISO
$KBrO_3$
M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350-H271-H301
SPECIFICATIONS:
Minimum assay (Iodom.) a.d.s ..... 99,8 %
pH of 5% solution 5,0-9,0
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,003 %
Loss on drying at 150°C ..... 0,1 %
Nitrogen compounds (as N) ..... 0,001 %
Bromide (Br) ..... 0,02 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131487.1210	500 g	6
131487.1211	1000 g	6
131487.1214	5 kg	4

Potassium Bromate PRS
$KBrO_3$
M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350-H271-H301
SPECIFICATIONS:
Assay (Iodom.) ..... 99 %
pH of 5% solution 5,0-9,0
Insoluble matter in H_2O ..... 0,01 %
Nitrogen compounds (as N) ..... 0,005 %
Sulphate (SO_4) ..... 0,025 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141487.1210	500 g	6
141487.1211	1000 g	6
141487.1214	5 kg	4

Potassium Bromate (F.C.C.) ADITIO
$KBrO_3$
M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350-H271-H301
SPECIFICATIONS:
Assay (as $KBrO_3$) after drying 99,0-101,0%
Loss on drying, not more than ..... 0,1 %
Chloride, not more than ..... 0,05 %
Sulphate, not more than ..... 0,01 %
Lead, not more than ..... 4 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201487.1214	5 kg	4

Potassium Bromate 1/60 mol/l (0,1N) SV
Indicator: Starch
$KBrO_3$
M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40
Signal Word: Danger



H350
1l~1,002kg 1kg~0,998l
SPECIFICATIONS:
Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181488.1211	1000 ml	6

Potassium Bromide (IR) PAI

KBr

M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00

SPECIFICATIONS:

Suitability for IR spectrometry ..... p/t.
Max. Absorbance (2g pressed disk, 0,5 cm layer thickness) .....
Water; (3250-3750)/(1620-1640) cm^{-1} 0,15
CH- compounds; 2750-3100 cm^{-1} 0,004
Other; 420-4000 cm^{-1} 0,05

Order code	Package	Units/Box st.
331489.1608	100 g	6
331489.1609	250 g	6

Potassium Bromide PA-ACS

KBr

M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,5 %
pH of 5% solution 5,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,003 %
Loss on drying at 130°C ..... 0,2 %
Nitrogen compounds (as N) ..... 0,001 %
Bromate (BrO_3) ..... 0,001 %
Chloride (Cl) ..... 0,1 %
Sulphate (SO_4) ..... 0,005 %
Iodate (IO_3) ..... 0,001 %
Iodide (I) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Fe 3	Sb 5
Au 5	Ga 5	Se 5
Ba 20	Ge 5	Si 5
Be 5	In 5	Sn 5
Bi 5	Mg 5	Sr 5
Ca 10	Mn 5	Ti 5
Cd 5	Mo 5	V 5
Co 5	Na 200	Zn 5
Cr 5	Ni 5	Zr 5
Cu 5	Pb 5	

Order code	Package	Units/Box st.
131489.1210	500 g	6

Potassium Bromide PA

KBr

M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00

SPECIFICATIONS:

Minimum assay (Arg) ..... 99,5 %
pH of 5% solution 5,0-8,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,003 %
Loss on drying at 130°C ..... 0,2 %
Nitrogen compounds (as N) ..... 0,001 %
Bromate ..... p/t.
Chloride (Cl) ..... 0,2 %
Sulphate (SO_4) ..... 0,005 %
Iodide (I) ..... 0,05 %
Ba ..... 0,002 %
Ca ..... 0,002 %
Cu ..... 0,0005 %
Fe ..... 0,0003 %
Mg ..... 0,002 %
Na ..... 0,1 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
121489.1210	500 g	6
121489.1211	1000 g	6
121489.1214	5 kg	4

Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX

KBr

M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s 98,0-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,01 %
Loss on drying at 105°C ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity or alkalinity ..... p/t.
Bromate ..... p/t.
Chloride (Cl) ..... 0,5 %
Sulphate (SO_4) ..... 0,01 %
Iodide ..... p/t.
Magnesium and other alkaline-earth metals (as Ca) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
Ba ..... p/t.
Fe ..... 0,002 %

Order code	Package	Units/Box st.
141489.1210	500 g	6
141489.1211	1000 g	6
141489.1214	5 kg	4

Potassium Carbonate (Reag. Ph. Eur.) PA-ACS-ISO

K_2CO_3

M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.) calc. a.d.s ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 300°C ..... 1,0 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphur compounds (as SO_4) ..... 0,003 %
Chloride (Cl) ..... 0,002 %
Phosphate (PO_4) ..... 0,001 %
Silicate (as SiO_2) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 5	Sb 5
Al 10	Ga 5	Se 20
Au 5	Ge 5	Si 20
B 5	In 5	Sn 5
Ba 5	Li 5	Sr 5
Be 5	Mg 20	Ti 5
Bi 5	Mn 5	Tl 5
Ca 20	Mo 5	V 5
Cd 5	Na 200	Zn 5
Co 5	Ni 5	Zr 5
Cr 5	Pb 5	
Cu 5	Pt 5	

Order code	Package	Units/Box st.
131490.1210	500 g	6
131490.1211	1000 g	6
131490.1214	5 kg	4
131490.0416	25 kg	

Potassium Carbonate PA

K_2CO_3

M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.) calc. a.d.s ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Loss on drying at 300°C ..... 1,0 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphur compounds (as SO_4) ..... 0,01 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,002 %
Silicate (as SiO_2) ..... 0,01 %
Heavy metals (as Pb) ..... 0,001 %
Al ..... 0,002 %
As ..... 0,0002 %
Ca ..... 0,005 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Mg ..... 0,005 %
Na ..... 0,3 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121490.1210	500 g	6
121490.1211	1000 g	6
121490.1214	5 kg	4
121490.0416	25 kg	

Potassium Carbonate PRS

K_2CO_3

M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) ..... 99 %
Insoluble matter in H_2O ..... 0,02 %
Loss on drying at 300°C ..... 3 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,01 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,05 %
Al ..... 0,005 %
As ..... 0,0003 %
Ca ..... 0,01 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Mg ..... 0,01 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141490.1210	500 g	6
141490.1211	1000 g	6
141490.1214	5 kg	4
141490.0416	25 kg	

Potassium Carbonate (USP, BP, Ph. Eur.) CODEX

K_2CO_3

M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,5-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 180°C ..... 0,5 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,01 %
Fe ..... 0,001 %

Order code	Package	Units/Box st.
191490.1211	1000 g P	6
191490.0416	25 kg PP	

Potassium Carbonate (E-501i, F.C.C.) ADITIO

K_2CO_3

M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as K_2CO_3) after drying 99,0-100,5%
Loss on drying, not more than ..... 1 %
Insoluble substances ..... p/t.
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 2 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201490.1214	5 kg P	4
201490.0416	25 kg PP	

Potassium Carbonate QP

K_2CO_3

M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) ..... 99 %
Insoluble matter in H_2O ..... 0,05 %
Chloride (Cl) ..... 0,05 %

Order code	Package	Units/Box st.
211490.1214	5 kg P	4
211490.0416	25 kg PP	

Potassium Carbonate-Sodium Carbonate anhydrous PA

50%Na_2CO_3+50%K_2CO_3

NC: 2836 99 17

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphur compounds (as SO_4) ..... 0,003 %
Chloride (Cl) ..... 0,002 %
Phosphate (PO_4) ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
Mg ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
121728.1210	500 g P	6
121728.1211	1000 g P	6

Potassium Chlorate (Reag. Ph. Eur.) PA-ACS

$KClO_3$

M: 122,55 CAS: 3811-04-9 EINECS: 223-289-7 NC: 2829 19 00 UN: 1485
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512

Signal Word: Danger



H271-H332-H302-H411

SPECIFICATIONS:

Minimum assay ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Nitrogen compounds (as N) ..... 0,001 %
Bromate (BrO_3) ..... 0,015 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cr 5	Na 100
Al 5	Cu 5	Ni 5
As 5	Fe 3	Pb 5
Bi 5	Li 5	Sr 5
Ca 20	Mg 10	Tl 5
Cd 5	Mn 5	Zn 5
Co 5	Mo 5	

Order code	Package	Units/Box st.
131493.1210	500 g P	6
131493.1211	1000 g P	6
131493.1214	5 kg P	4
131493.0716	25 kg P	

Potassium Chlorate (Ph. Helv.) PRS-CODEX

$KClO_3$

M: 122,55 CAS: 3811-04-9 EINECS: 223-289-7 NC: 2829 19 00 UN: 1485
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512

Signal Word: Danger



H271-H332-H302-H411

SPECIFICATIONS:

Assay 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0001 %
Ca ..... 0,01 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Mg ..... 0,01 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141493.1210	500 g P	6
141493.1211	1000 g P	6
141493.1214	5 kg P	4
141493.0716	25 kg P	

Potassium Chloride EQP-ACS-ISO

Primary Chemical Matter

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.) after drying at 110°C ..... 99,95-100,05 %
pH of 5% solution 5,4-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Nitrogen compounds (as N) ..... 0,001 %
Bromide (Br) ..... 0,01 %
Phosphate (PO_4) ..... 0,0005 %
Chlorate and nitrate (as NO_3) ..... 0,003 %
Sulphate (SO_4) ..... 0,001 %
Iodide (I) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 2	Pt 5
Al 10	Ga 5	Sb 5
Au 5	Ge 5	Se 5
B 5	Hg 5	Si 5
Ba 10	In 5	Sn 5
Be 5	Li 5	Sr 5
Bi 5	Mg 10	Ti 5
Ca 20	Mn 5	Tl 5
Cd 5	Mo 5	V 5
Co 5	Na 50	Zn 5
Cr 5	Ni 5	Zr 5
Cu 5	Pb 5	

Order code	Package	Units/Box st.
241494.1521	10 x 1,5 g	6
241494.1608	100 g	6

Potassium Chloride PA-ACS-ISO

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.)....99,5-100,5%
pH of 5% solution 5,4-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O....0,005 %
Loss on drying at 150°C....0,1 %
Nitrogen compounds (as N) ....0,001 %
Bromide (Br) ....0,01 %
Phosphate (PO_4) ....0,0005 %
Chlorate and nitrate (as NO_3)....0,003 %
Sulphate (SO_4) ....0,001 %
Iodide (I)....0,002 %
Heavy metals (as Pb)....0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe....2	Pt 5
Al 10	Ga....5	Sb 5
Au 5	Ge....5	Se 5
B 5	Hg....5	Si 5
Ba 10	In....5	Sn 5
Be 5	Li....5	Sr 5
Bi 5	Mg 10	Ti....5
Ca 20	Mn 5	Tl....5
Cd....5	Mo 5	V 5
Co....5	Na 50	Zn 5
Cr....5	Ni 5	Zr 5
Cu....5	Pb 5	

Order code	Package	Units/Box st.
131494.1210	500 g (P)	6
131494.1211	1000 g (P)	6
131494.1214	5 kg (P)	4
131494.0416	25 kg (PP)	

Potassium Chloride PRS

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.)....99 %
Insoluble matter in H_2O....0,01 %
Loss on drying at 150°C....0,2 %
Nitrogen compounds (as N) ....0,005 %
Phosphate (PO_4) ....0,001 %
Sulphate (SO_4) ....0,01 %
As ....0,0001 %
Ba ....0,005 %
Ca ....0,01 %
Cu ....0,002 %
Fe....0,002 %
Mg ....0,01 %
Ni ....0,002 %
Pb ....0,002 %

Order code	Package	Units/Box st.
141494.1210	500 g (P)	6
141494.1211	1000 g (P)	6
141494.1214	5 kg (P)	4
141494.0416	25 kg (PP)	

Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s....99,0-100,5%
Identity according to Pharmacopoeias .... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution .... p/t.
Loss on drying at 105°C....1,0 %
Acidity or alkalinity.... p/t.
Residual solvents (Ph.Eur./USP).... p/t.
Bromide (Br) ....0,1 %
Sulphate (SO_4) ....0,03 %
Iodide (USP) ....0,005 %
Iodide.... p/t.
Calcium, Magnesium and alkaline-earth metals (as Ca) ....0,02 %
Heavy metals (as Pb)....0,001 %
Al ....0,0001 %
As ....0,0003 %
Ba ....0,001 %
Ba (Ph. Eur.).... p/t.
Fe....0,002 %
Na ....0,1 %

Order code	Package	Units/Box st.
191494.1211	1000 g (P)	6
191494.1214	5 kg (P)	4
191494.0416	25 kg (PP)	

Potassium Chloride (E-508, F.C.C.) ADITIO

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (as KCl) after drying, not less than....99,0 %
Acidity or alkalinity.... p/t.
Heavy metals (as Pb), not more than .... 5 ppm
Bromide and/or Iodide .... p/t.
Loss on drying, not more than ....1,0 %
Sodium .... p/t.
Arsenic (as As), not more than .... 3 ppm
Cadmium, not more than .... 1 ppm
Mercury, not more than .... 1 ppm
Lead, not more than .... 5 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201494.1214	5 kg (P)	4
201494.0416	25 kg (PP)	

Potassium Chloride QP

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.)....99 %
Insoluble matter in H_2O....0,05 %
Sulphate (SO_4) ....0,05 %
As ....0,0003 %
Fe....0,005 %
Pb ....0,005 %

Order code	Package	Units/Box st.
211494.1214	5 kg (P)	4
211494.0416	25 kg (PP)	

POTASSIUM CHLORIDE SOLUTIONS

Potassium Chloride saturated solution RV

for potentiometer electrodes

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l~1,168kg 1kg~0,856l

Composition:
Potassium Chloride ....35 g
Water s.q.m ....100 ml

Order code	Package	Units/Box st.
281495.1209	250 ml (P)	6

Potassium Chloride 3 mol/l RV

for potentiometer electrodes

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l~1,105kg 1kg~0,905l

Composition:
Potassium Chloride ....22,37 g
Water s.q.m ....100 ml

Order code	Package	Units/Box st.
282775.1209	250 ml (P)	6

Potassium Chloride 3 mol/l + Silver Chloride RV

for potentiometer electrodes

NC: 3822 00 00

1l~1,161kg 1kg~0,861l

Composition:
Potassium Chloride ....22,37 g
Silver Chloride ....0,1 g
Water s.q.m ....100 ml

Order code	Package	Units/Box st.
282923.1209	250 ml (P)	6

Potassium Chloride 1 mol/l (1N) SV

Indicator: Potassium Chromate

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l~1,05kg 1kg~0,95l

SPECIFICATIONS:

Titer ....1,000 ±0,001

Order code	Package	Units/Box st.
182252.1211	1000 ml (P)	6

Potassium Chloride 0,1 mol/l (0,1N) SV

Indicator: Potassium Chromate

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l~1,004kg 1kg~0,996l

Titer ....1,000 ±0,001

Order code	Package	Units/Box st.
182251.1211	1000 ml (P)	6

Potassium Chloroplatinate

(see Potassium Hexachloroplatinate(IV))

Potassium Chromate (max. 0,02% Na) (Reag. Ph. Eur.) PA-ACS

K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350i-H340-H319-H335-H315-H317-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
pH of 5% solution	8,6-9,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,03 %
Al	0,003 %
Ca	0,005 %
Cd	0,005 %
Co	0,005 %
Cu	0,001 %
Fe	0,002 %
Na	0,02 %
Ni	0,005 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131497.1209	250 g	6
131497.1211	1000 g	6

Potassium Chromate PA

K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350i-H340-H319-H335-H315-H317-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
pH of 5% solution	8,6-9,8

MAXIMUM LIMIT OF IMPURITIES

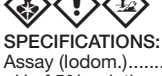
Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,05 %
Al	0,003 %
Ca	0,005 %
Cu	0,001 %
Fe	0,002 %
Na	0,05 %
Pb	0,005 %

Order code	Package	Units/Box st.
121497.1210	500 g	6
121497.1211	1000 g	6
121497.1214	5 kg	4

Potassium Chromate PRS

K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350i-H340-H319-H335-H315-H317-H410

SPECIFICATIONS:

Assay (Iodom.)	99,0-102,0%
pH of 5% solution	8,6-9,8
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,1 %
Al	0,005 %
Ca	0,01 %
Cu	0,005 %
Fe	0,005 %
Pb	0,01 %

Order code	Package	Units/Box st.
141497.1210	500 g	6
141497.1211	1000 g	6
141497.1214	5 kg	4
141497.0416	25 kg	

POTASSIUM CHROMATE SOLUTIONS

Potassium Chromate solution 5% w/v RV

for determination of Chloride according to Mohr
K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350i-H340-H317-H411

1l~1,041kg 1kg~0,961l

Composition:

Potassium Chromate	5 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
281498.1209	250 ml	6

Potassium Chromate solution 10% w/v RV

for determination of chloride according to Mohr
K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350i-H340-H317-H411

1l~1,078kg 1kg~0,928l

SPECIFICATIONS:

Composition:

Potassium Chromate	10,4 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
281499.1209	250 ml	6

Potassium and Chromium(III) Sulphate

(see Chromium(III) Potassium Sulphate 12-hydrate)

Potassium Citrate tri-Basic

(see tri-Potassium Citrate 1-hydrate)

tri-Potassium Citrate 1-hydrate PA

$K_3C_6H_5O_7.H_2O$

M: 324,42 CAS: 6100-05-6 EINECS: 212-755-5 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
pH of 5% solution	7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Darkened substances by H_2SO_4	p/t.
Reducing substances	p/t.
Chloride (Cl)	0,001 %
Oxalate (C_2O_4)	0,01 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,001 %
Heavy metals (as Pb)	0,001 %
As	0,00004 %
Cu	0,00005 %
Fe	0,0005 %
Na	0,1 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121492.1210	500 g	6
121492.1211	1000 g	6
121492.1214	5 kg	4
121492.0416	25 kg	

tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$K_3C_6H_5O_7.H_2O$

M: 324,42 CAS: 6100-05-6 EINECS: 212-755-5 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.a.s	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Loss on drying at 180°C	3,0-6,0 %
Residual solvents (Ph.Eur./USP)	p/t
Darkened substances by H_2SO_4	p/t.
Acidity or alkalinity	p/t.
Water (H_2O)	4,0-7,0 %
Chloride (Cl)	0,005 %
Oxalate (C_2O_4)	0,03 %
Sulphate (SO_4)	0,01 %
Tartrate ($C_4H_4O_6$)	p/t.
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Na	0,3 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os).	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141492.1210	500 g P	6
141492.1211	1000 g P	6
141492.0914	5 kg PP	
141492.0416	25 kg PP	

tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO

$K_3C_6H_5O_7.H_2O$

M: 324,42 CAS: 6100-05-6 EINECS: 212-755-5 NC: 2918 15 00

SPECIFICATIONS:

Assay (as $C_6H_5K_3O_7$) after drying	99,0-100,5%
Alkalinity	p/t.
Arsenic (as As), not more than	1 ppm
Loss on drying	3,0-6,0 %
Oxalate (as oxalic acid) a.d.s., not more than	0,01 %
pH of 5% solution	7,5-9,0
Lead, not more than	1 ppm
Heavy metals (as Pb), not more than	5 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201492.0914	5 kg PP	
201492.0416	25 kg PP	

Potassium Cyanate, 97% PS

KOCN

M: 81,11 CAS: 590-28-3 EINECS: 209-676-3 NC: 2842 90 80

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Arg.)	97 %*
Cyanide	p/t.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
15A854.1210	500 g P	6
15A854.1211	1000 g P	6
15A854.0914	5 kg PP	

Potassium Cyanide (Reag. Ph. Eur.) PA-ACS-ISO

KCN

M: 65,12 CAS: 151-50-8 EINECS: 205-792-3 NC: 2837 19 00 UN: 1680
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Arg.)	97,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,05 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,02 %
Sulphide (S)	0,001 %
Thiocyanate (SCN)	0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Hg 5	Sb 5
As 10	In 5	Se 5
Bi 5	Li 5	Si 10
Ca 10	Mg 5	Sn 5
Fe 100	Na 5000	Zn 200
Ge 10	Pb 2	

Order code	Package	Units/Box st.
131491.1209	250 g P	6
131491.1211	1000 g P	6

Potassium Cyanide PRS

KCN

M: 65,12 CAS: 151-50-8 EINECS: 205-792-3 NC: 2837 19 00 UN: 1680
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Arg.)	96 %
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,1 %
Phosphate (PO_4)	0,02 %
Sulphate (SO_4)	0,05 %
Sulphide (S)	0,005 %
Thiocyanate (SCN)	0,05 %
Fe	0,05 %
Na	0,5 %
Pb	0,001 %
Zn	0,05 %

Order code	Package	Units/Box st.
141491.1209	250 g P	6
141491.1211	1000 g P	6
141491.1214	5 kg P	4
141491.0716	25 kg P	

Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO

Primary Chemical Matter

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.) after drying at 130°C	99,95-100,05%
pH of 5% sol.	3,7-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Suitability for COD determination according to UNE 77-004-89	p/t.
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,01 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,001 %
Fe	0,001 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,02 %
Ni	0,0005 %
Pb	0,001 %
Zn	0,0005 %

Order code	Package	Units/Box st.
241500.1521	10 x 1,5 g	6
241500.1608	100 g	6

Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	99,5 %
pH of 5% solution	3,7-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Loss on drying at 105°C	0,05 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,001 %
Fe	0,001 %
Hg	0,000005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,02 %
Ni	0,0005 %
Pb	0,001 %
Zn	0,0005 %

Order code	Package	Units/Box st.
471500.1210	500 g P	6

Potassium Dichromate PA-ACS-ISO

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	99,5 %
pH of 5% solution	3,7-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Loss on drying at 105°C	0,05 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,001 %
Fe	0,001 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,02 %
Ni	0,0005 %
Pb	0,001 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131500.1209	250 g P	6
131500.1210	500 g P	6
131500.1211	1000 g P	6
131500.1214	5 kg P	4
131500.0416	25 kg PP	

Potassium Dichromate PRS

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.)	99 %
pH of 5% solution	3,7-4,0
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Ca	0,01 %
Fe	0,005 %

Order code	Package	Units/Box st.
141500.1210	500 g P	6
141500.1211	1000 g P	6
141500.1214	5 kg P	4
141500.0416	25 kg PP	

POTASSIUM DICHROMATE SOLUTIONS

Potassium Dichromate solution 10% RE

for preserving milk samples. (3 drops for 50 ml)
$K_2Cr_2O_7$

M: 249,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H350-H340-H360FD-H302-H330-H314-H334-H317-H372-H411

1l~1,070kg 1kg~0,935l

SPECIFICATIONS:

Assay (Yodom.)	10± 0,5 %

Order code	Package	Units/Box st.
173609.1209	250 ml P	6

Potassium Dichromate 0,02 mol/l (0,02M) RE

for determination of COD according to DIN 38 409-H
$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350-H340-H360FD-H332-H334-H317-H412

1l~1,004kg 1kg~0,996l

Composition:

Potassium Dichromate	590 mg
Water s.q.m	100 ml

Order code	Package	Units/Box st.
174290.1611	1000 ml	6

Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV

for determination of COD
NC: 3822 00 00 UN: 3289
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H350i-H340-H317-H330-H310-H300-H373-H319-H315-H411

1l~1,18kg 1kg~0,85l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
185836.1611	1000 ml	6
185836.1612	2,5 l	4

Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV

for determination of COD according to NFT 90-101
NC: 3822 00 00 UN: 3289
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H350i-H340-H317-H330-H310-H300-H373-H319-H315-H411

1l~1,189kg 1kg~0,841l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
184385.1611	1000 ml	6

Potassium Dichromate 1/60 mol/l (0,1N) SV

Indicator: Starch
$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350-H340-H332-H334-H317-H412

1l~1,004kg 1kg~0,996l

SPECIFICATIONS:

Titer	1,000 ±0,001

Order code	Package	Units/Box st.
181502.1611	1000 ml	6

P

Potassium Dichromate 1/60 mol (4,903g $K_2Cr_2O_7$) to prepare 1l of 0,1N solution SVc

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350-H340-H360FD-H302-H330-H319-H335-H315-H334-H317-H373-H411

SPECIFICATIONS:
Titer ..... 1,000 ±0,002

Order code	Package	Units/Box st.
303120.1920	1 ampoule	6

Potassium Dichromate 1/24 mol/l (0,25N) SV

Indicator: Starch
$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350-H340-H360FD-H331-H334-H317-H373-H412

1l~1,008kg 1kg~0,992l
SPECIFICATIONS:
Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
182142.1611	1000 ml	6

Potassium Dichromate 1/6 mol/l (1N) SV

Indicator: Starch
$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350-H340-H360FD-H302-H331-H334-H317-H373-H411

1l~1,034kg 1kg~0,967l
SPECIFICATIONS:
Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181501.1611	1000 ml	6

Potassium Dichromate in tablets of 0,1g PA

for preserving milk samples
NC: 3822 00 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H340-H360FD-H312-H301-H330-H314-H334-H317-H372-H410

Each tablet containing:
0,033 g of Potassium Dichromate
0,067 g of Potassium Chloride

Order code	Package	Units/Box st.	
123246.1209	250 g	6	(1)
123246.1210	500 g	6	(2)

Potassium Dioxalate mono-Basic

(see Potassium tetra-Oxalate 2-hydrate)

tetra-Potassium Diphosphate

(see tetra-Potassium Pyrophosphate anhydrous)

Potassium Disulphite PA

$K_2S_2O_5$

M: 222,33 CAS: 16731-55-8 EINECS: 240-795-3 NC: 2832 20 00
Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:
Minimum assay (Iodom.) ..... 96,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,0002 %
Thiosulphate (S_2O_3) ..... 0,05 %
As ..... 0,0001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121522.1610	500 g	6
121522.1611	1000 g	6
121522.1214	5 kg	4
121522.0416	25 kg	

(1) 2500 tablets of 0,1 g
(2) 5000 tablets of 0,1 g

Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRS-CODEX

$K_2S_2O_5$

M: 222,33 CAS: 16731-55-8 EINECS: 240-795-3 NC: 2832 20 00
Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:
Assay (Iodom.)(as $K_2S_2O_5$) ..... 95,0-100 %
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 3,0-4,5
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride (Cl) ..... 0,025 %
Phosphate (PO_4) ..... 0,001 %
Thiosulphate (S_2O_3) ..... p/t.
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0003 %
Fe ..... 0,001 %
Se ..... 0,001 %
Zn ..... 0,0025 %

Order code	Package	Units/Box st.
141522.1610	500 g	6
141522.1611	1000 g	6
141522.1214	5 kg	4
141522.0416	25 kg	

Potassium Disulphite (E-224, F.C.C.) ADITIO

$K_2S_2O_5$

M: 222,33 CAS: 16731-55-8 EINECS: 240-795-3 NC: 2832 20 00
Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:
Assay (as $K_2S_2O_5$), not less than ..... 95 %
Assay (as SO_2), not less than ..... 54,7 %
Thiosulphate, not more than ..... 0,05 %
Arsenic (as As), not more than ..... 3 ppm
Heavy metals (as Pb), not more than ..... 10 ppm
Iron, not more than ..... 10 ppm
Selenium, not more than ..... 5 ppm
Lead, not more than ..... 2 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201522.1214	5 kg	4
201522.0416	25 kg	

Potassium Edetate

(see Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate)

Potassium O-Ethyldithiocarbonate PA

$KSSCOC_2H_5$

M: 160,30 CAS: 140-89-6 EINECS: 205-439-3 NC: 2930 20 00
Signal Word: Warning



H302-H319

SPECIFICATIONS:
Minimum assay (Iodom.) ..... 98,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,05 %
Alkalinity ..... p/t.
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,1 %

Order code	Package	Units/Box st.
121539.1610	500 g	6
121539.0914	5 kg	
121539.0416	25 kg	

Potassium O-Ethyldithiocarbonate, 98% PS

$KSSCOC_2H_5$

M: 160,30 CAS: 140-89-6 EINECS: 205-439-3 NC: 2930 20 00
Signal Word: Warning



H302-H319

SPECIFICATIONS:
Minimum assay (Iodom.) ..... 98 %

Order code	Package	Units/Box st.
161539.1210	500 g	6

Potassium Ethylxanthate

(see Potassium O-Ethyldithiocarbonate)

Potassium Ethylxanthogenate

(see Potassium O-Ethyldithiocarbonate)

Potassium Ferrocyanide

(see Potassium Hexacyanoferrate(II))

Potassium Ferricyanide

(see Potassium Hexacyanoferrate(III))

Potassium Fluoride PRS

KF

M: 58,10 CAS: 7789-23-3 EINECS: 232-151-5 NC: 2826 19 90 UN: 1812
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H331-H311-H301

SPECIFICATIONS:

Assay (Acidim.) ..... 98 %
Insoluble matter in H_2O ..... 0,01 %
Acidity (as HF) ..... 0,2 %
Alkalinity (as KOH) ..... 0,1 %
Sulphite (SO_3) ..... 0,01 %
Cu ..... 0,003 %
Fe ..... 0,002 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141976.1210	500 g	6
141976.1211	1000 g	6
141976.0914	5 kg	
141976.0416	25 kg	

Potassium Formate PRS

HCOOK

M: 84,12 CAS: 590-29-4 EINECS: 209-677-9 NC: 2915 12 00
SPECIFICATIONS:

Assay (Perm.) ..... 99 %
pH of 5% solution 6,0-8,5
Insoluble matter in H_2O ..... 0,025 %
Acidity (as HCOOH) ..... 0,15 %
Chloride (Cl) ..... 0,03 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141508.1210	500 g	6
141508.0914	5 kg	
141508.0416	25 kg	

Potassium Hexachloroplatinate(IV) (Reag. USP) PA

$K_2[PtCl_6]$

M: 486,01 CAS: 16921-30-5 EINECS: 240-979-3 NC: 2843 90 90 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H301-H318-H334-H317

SPECIFICATIONS:

Minimum assay (as Pt) ..... 40 %

Order code	Package	Units/Box st.
125507.1603	1 g	6

Potassium Hexacyanoferrate(II) 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$K_4Fe(CN)_6.3H_2O$

M: 422,41 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00
SPECIFICATIONS:

Assay (Perm.) 99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,005 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,001 %
Cr ..... 0,005 %
Cu ..... 0,002 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na ..... 0,02 %
Ni ..... 0,0005 %
Pb ..... 0,002 %
Zn ..... 0,002 %

Order code	Package	Units/Box st.
131505.1210	500 g	6
131505.1211	1000 g	6
131505.1214	5 kg	4
131505.0416	25 kg	

Potassium Hexacyanoferrate(II) 3-hydrate PRS

$K_4Fe(CN)_6.3H_2O$

M: 422,41 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00
SPECIFICATIONS:

Assay (Perm.) ..... 98 %
Insoluble matter in H_2O ..... 0,025 %
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,01 %

Order code	Package	Units/Box st.
141505.1210	500 g	6
141505.1211	1000 g	6
141505.1214	5 kg	4
141505.0416	25 kg	

Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO

$K_4Fe(CN)_6.3H_2O$

M: 422,41 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00
SPECIFICATIONS:

Assay (in $K_4[Fe(CN)_6].3H_2O$), not less than ..... 99,0 %
Chloride, not more than ..... 0,2 %
Sulphate, not more than ..... 0,1 %
Insoluble matter in H_2O, not more than ..... 0,03 %
Hydrogen Cyanide and Cyanides ..... p/t.
Free moisture ..... 1,0 %
Ferricyanide ..... p/t.
Lead, not more than ..... 5 ppm
Specifications Dir. 2008/84/EC

Order code	Package	Units/Box st.
201505.1214	5 kg	4
201505.0416	25 kg	

Potassium Hexacyanoferrate(II) solution 10% w/v RE

for determination of Fe
$K_4[Fe(CN)_6]$

M: 368,37 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00
1l~1,060kg 1kg~0,943l
Composition:
Potassium Hexacyanoferrate(II) 3-hydrate ..... 13 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
171507.1209	250 ml	6

Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT

for determination of Fe
$K_4[Fe(CN)_6]$

M: 368,37 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00
1l~1,060kg 1kg~0,943l
Composition:
Potassium Hexacyanoferrate(II) 3-hydrate ..... 13 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
621507.1209	250 ml	6

Potassium Hexacyanoferrate(III) (Reag. Ph. Eur.) PA-ACS

$K_3[Fe(CN)_6]$

M: 329,26 CAS: 13746-66-2 EINECS: 237-323-3 NC: 2837 20 00
SPECIFICATIONS:

Minimum assay (Iodom.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,01 %
Hexacyanoferrate(II) $[Fe(CN)_6]$ ..... 0,05 %
Sulphate (SO_4) ..... 0,01 %

Order code	Package	Units/Box st.
131503.1210	500 g	6
131503.1211	1000 g	6
131503.1214	5 kg	4
131503.0416	25 kg	

Potassium Hexacyanoferrate(III) PRS

$K_3[Fe(CN)_6]$

M: 329,26 CAS: 13746-66-2 EINECS: 237-323-3 NC: 2837 20 00
SPECIFICATIONS:

Assay (Iodom.) ..... 98 %
Insoluble matter in H_2O ..... 0,025 %
Chloride (Cl) ..... 0,06 %
Sulphate (SO_4) ..... 0,02 %

Order code	Package	Units/Box st.
141503.1210	500 g	6
141503.1211	1000 g	6
141503.1214	5 kg	4
141503.0416	25 kg	

Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV

Indicator: Starch
$K_3[Fe(CN)_6]$
M: 329,26 CAS: 13746-66-2 EINECS: 237-323-3 NC: 2837 20 00
1l~1,017kg 1kg~0,983l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181504.1611	1000 ml	6

Potassium Hexafluorophosphate QP

KPF_6
M: 184,07 CAS: 17084-13-8 EINECS: 241-143-0 NC: 2835 29 90 UN: 3260
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger
H332-H312-H302-H314
SPECIFICATIONS:
Minimum assay ..... 99 %

Order code	Package	Units/Box st.
215756.1209	250 g	6

Potassium Hydrogen Carbonate PA

$KHCO_3$
M: 100,12 CAS: 298-14-6 EINECS: 206-059-0 NC: 2836 40 00
SPECIFICATIONS:
Assay (Acidim.) .....99,5-101 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Nitrogen compounds (as N) ..... 0,0005 %
Sulphur compounds (as SO_4) ..... 0,003 %
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,0005 %
Al ..... 0,001 %
As ..... 0,00004 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na ..... 0,03 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
121480.1210	500 g	6
121480.1211	1000 g	6
121480.0416	25 kg	

Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$KHCO_3$
M: 100,12 CAS: 298-14-6 EINECS: 206-059-0 NC: 2836 40 00
SPECIFICATIONS:
Assay (Acidim.) 99,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,01 %
Loss on drying ..... 0,3 %
Residual solvents (Ph.Eur./USP) ..... p/t
Nitrogen compounds (as N) ..... 0,0015 %
Sulphur compounds (as SO_4) ..... 0,005 %
Carbonate (as K_2CO_3) ..... 2,5 %
Carbonate (Ph. Eur.) ..... p/t.
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0002 %
Ca ..... 0,01 %
Fe ..... 0,001 %
Mg ..... 0,01 %
Na ..... 0,5 %

Order code	Package	Units/Box st.
141480.1210	500 g	6
141480.1211	1000 g	6
141480.1214	5 kg	4
141480.0416	25 kg	

Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO

$KHCO_3$
M: 100,12 CAS: 298-14-6 EINECS: 206-059-0 NC: 2836 40 00
SPECIFICATIONS:
Assay (as $KHCO_3$) calc. on dried basis.....99,0-101,0 %
Loss on drying, not more than ..... 0,25 %
Normal Carbonate ..... p/t.
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 2 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201480.1214	5 kg	4
201480.0416	25 kg	

Potassium Hydrogen Difluoride, 99% PS

HF_2K
M: 78,10 CAS: 7789-29-9 EINECS: 232-156-2 NC: 2826 19 90 UN: 1811
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger
H301-H314
SPECIFICATIONS:
Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A341.1206	25 g	6
15A341.1210	500 g	6

Potassium Hydrogen Diiodate EQP-ACS

Primary Chemical Matter
$KH(IO_3)_2$
M: 389,92 CAS: 13455-24-8 EINECS: 236-650-9 NC: 2829 90 80 UN: 1479
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger
H272-H319-H315
SPECIFICATIONS:
Assay (Acidim.) (after dried at 105°C).....99,95-100,05%
Assay (Iodom.) (after dried at 105°C) .....99,9-100,1 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Nitrogen compounds (as N) ..... 0,002 %
Bromate, bromide, chlorate, chloride (as Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,005 %
Iodide (I) ..... 0,001 %
Heavy metals (as Pb) ..... 0,001 %
Ca ..... 0,002 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
242697.1521	10 x 1,5 g	6
242697.1608	100 g	6

Potassium Hydrogen Diiodate PRS

$KH(IO_3)_2$
M: 389,92 CAS: 13455-24-8 EINECS: 236-650-9 NC: 2829 90 80 UN: 1479
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger
H272-H319-H315
SPECIFICATIONS:
Assay (Iodom.) ..... 99 %
Insoluble matter in H_2O ..... 0,05 %
Bromate, bromide, chlorate and chloride (as Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142697.1208	100 g	6

Potassium Hydrogen Iodate

(see Potassium Hydrogen Diiodate)

Potassium Hydrogen Oxalate PRS

$KH(COO)_2$

M: 128,13 CAS: 127-95-7 EINECS: 204-873-0 NC: 2917 11 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Perm.)	99 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,005 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141484.1210	500 g P	6
141484.1214	5 kg P	4

di-Potassium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS

K_2HPO_4

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 105°C	1,0 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Fe	5	Pt	5
Al	5	Ga	5	Sb	5
Au	5	Ge	5	Se	5
B	5	In	5	Sn	5
Be	5	Li	10	Sr	5
Bi	5	Mg	5	Ti	5
Ca	50	Mn	5	V	5
Cd	5	Mo	5	Zn	5
Co	5	Na	500	Zr	5
Cr	5	Ni	5		
Cu	2	Pb	5		

Order code	Package	Units/Box st.
131512.1209	250 g P	6
131512.1211	1000 g P	6

di-Potassium Hydrogen Phosphate anhydrous PA

K_2HPO_4

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 105°C	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,005 %
Cd	0,001 %
Co	0,001 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Mn	0,001 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
121512.1210	500 g P	6
121512.1211	1000 g P	6
121512.0914	5 kg PP	
121512.0416	25 kg PP	

di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX

K_2HPO_4

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	98,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,01 %
Loss on drying at 130°C	1,0 %
Residual solvents (Ph.Eur./USP)	p/t
Potassium di-Hydrogen Phosphate	p/t.
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,02 %
Fluoride (F)	0,001 %
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141512.1210	500 g P	6
141512.1211	1000 g P	6
141512.0914	5 kg PP	
141512.0416	25 kg PP	

di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO

K_2HPO_4

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (K_2HPO_4) after drying, not less than	98,0 %
Appearance	p/t
Identity:	
Phosphate	p/t.
Potassium	p/t.
pH of 1% solution	8,7-9,4
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
P_2O_5 content a.a.s.	40,3-41,5 %
Loss on drying, not more than	2,0 %
Insoluble substances, not more than	0,2 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201512.0914	5 kg PP	
201512.0416	25 kg PP	

di-Potassium Hydrogen Phosphate 3-hydrate PA

$K_2HPO_4.3H_2O$

M: 228,22 CAS: 16788-57-1 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
As	0,00005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Na	0,1 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122333.1210	500 g P	6
122333.1211	1000 g P	6
122333.1214	5 kg P	4
122333.0416	25 kg PP	

di-Potassium Hydrogen Phosphate 3-hydrate PRS

$K_2HPO_4.3H_2O$

M: 228,22 CAS: 16788-57-1 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
pH of 5% solution	8,5-9,6
Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
As	0,0005 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
142333.1210	500 g	6
142333.1211	1000 g	6
142333.1214	5 kg	4
142333.0416	25 kg	

di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.) ADITIO

$K_2HPO_4.3H_2O$

M: 228,22 CAS: 16788-57-1 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay ($K_2HPO_4.3H_2O$), not less than	98 %
Assay (as K_2HPO_4) after drying, not less than	98,0 %
Appearance	p/t
Identity:	
Phosphate	p/t.
Potassium	p/t.
pH of 1% solution	8,7-9,4
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Insoluble substances a.a.s., not more than	0,2 %
Heavy metals (as Pb), not more than	0,001 %
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm
Cadmium, not more than	1 ppm
P_2O_5 content a.a.s.	40,3-41,5 %

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202333.0416	25 kg	

Potassium di-Hydrogen Phosphate PA-ACS

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,0005 %
Sulphate (SO_4)	0,003 %
Heavy metals (as Pb)	0,001 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cu	5	Sb	5
Al	5	Fe	10	Se	5
Au	5	Ga	5	Si	5
B	5	Ge	5	Sr	5
Ba	5	In	5	Ti	5
Be	5	Mg	5	Tl	5
Bi	5	Mn	5	V	5
Ca	50	Mo	5	Zn	5
Cd	5	Na	50	Zr	5
Co	5	Ni	5		
Cr	5	Pb	5		

Order code	Package	Units/Box st.
131509.1210	500 g	6
131509.1211	1000 g	6
131509.1214	5 kg	4
131509.0416	25 kg	

Potassium di-Hydrogen Phosphate PA

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,01 %
Cd	0,001 %
Co	0,001 %
Cu	0,001 %
Fe	0,002 %
Mg	0,001 %
Mn	0,001 %
Na	0,05 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
121509.1210	500 g	6
121509.1211	1000 g	6
121509.1214	5 kg	4
121509.0416	25 kg	

Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	98,0-100,5%
Appearance	p/t.
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Appearance	p/t
Insoluble matter in H_2O	0,2 %
Loss on drying at 130°C	1,0 %
Residual solvents (Ph.Eur./USP)	p/t
Reducing substances	p/t.
Chloride (Cl)	0,02 %
Fluoride (F)	0,001 %
Sulphate (SO_4)	0,03 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,0005 %

Order code	Package	Units/Box st.
141509.1210	500 g	6
141509.1211	1000 g	6
141509.1214	5 kg	4
141509.0416	25 kg	

Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Assay (as KH_2PO_4) after drying, not less than	98,0 %
Appearance.	p/t
Identity:	
Phosphate	p/t.
Potassium	p/t.
pH of 1% solution	4,2-4,8
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Insoluble substances as an. subs., not more than	0,2 %
P_2O_5 content	51,0-53,0 %
Loss on drying, not more than	1 %
Cadmium (Cd), not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201509.1214	5 kg	4
201509.0416	25 kg	

Potassium di-Hydrogen Phosphate 1/15 mol/l (1/15M) RV

buffer stock solution
KH_2PO_4
M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
pH solution 4,5-4,7

Order code	Package	Units/Box st.
285831.1211	1000 ml P	6

Potassium Hydrogen Phthalate EQP-ACS-ISO

Primary Chemical Matter
$C_6H_4COOHCOOK$
M: 204,23 CAS: 877-24-7 EINECS: 212-889-4 NC: 2917 39 80
SPECIFICATIONS:
Assay (Acidim.)(after drying at 105°C).....99,95-100,05%
Identity.....IR p/t.
pH sol. 0,05 mol/l to 25±0,2°C..... 4,00-4,02
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,003 %
Cl compounds (as Cl)..... 0,003 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphur compounds (as S)..... 0,002 %
Chloride (Cl)..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
Ca..... 0,001 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cr..... 0,001 %
Cu..... 0,0005 %
Fe..... 0,0005 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
241481.1521	10 x 1,5 g	6
241481.1608	100 g	6

Potassium Hydrogen Phthalate PA-ISO

$C_6H_4COOHCOOK$
M: 204,23 CAS: 877-24-7 EINECS: 212-889-4 NC: 2917 39 80
SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 99,5 %
Identity.....IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,003 %
Loss on drying at 110°C..... 0,05 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphur compounds (as S)..... 0,002 %
Chloride (Cl)..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
Ca..... 0,001 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cr..... 0,001 %
Cu..... 0,0005 %
Fe..... 0,0005 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Na..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131481.1210	500 g P	6
131481.1211	1000 g P	6
131481.0914	5 kg PP	
131481.0416	25 kg PP	

Potassium Hydrogen Phthalate PRS

$C_6H_4COOHCOOK$
M: 204,23 CAS: 877-24-7 EINECS: 212-889-4 NC: 2917 39 80
SPECIFICATIONS:
Assay (Perchl. Ac.).....99-101 %
Identity.....IR p/t.
Insoluble matter in H_2O..... 0,01 %
Loss on drying at 110°C..... 0,3 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl)..... 0,003 %
Cu..... 0,002 %
Fe..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141481.1210	500 g P	6
141481.1211	1000 g P	6
141481.0914	5 kg PP	
141481.0416	25 kg PP	

Potassium Hydrogen Sulphate PA

$KHSO_4$
M: 136,17 CAS: 7646-93-7 EINECS: 231-594-1 NC: 2833 29 90 UN: 2509
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger


H314-H335

SPECIFICATIONS:
Minimum assay (Acidim.)..... 96 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in NH_4OH ..... 0,01 %
Chloride (Cl)..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Nitrate (NO_3)..... 0,001 %
As ..... 0,0001 %
Ca..... 0,005 %
Cu..... 0,001 %
Fe..... 0,001 %
Mg ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121485.1210	500 g P	6
121485.1211	1000 g P	6
121485.1214	5 kg P	4
121485.0416	25 kg PP	

Potassium Hydrogen Sulphate PRS

$KHSO_4$
M: 136,17 CAS: 7646-93-7 EINECS: 231-594-1 NC: 2833 29 90 UN: 2509
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger


H314-H335

SPECIFICATIONS:
Assay (Acidim.)..... 95 %
Chloride (Cl)..... 0,005 %
Phosphate (PO_4) ..... 0,005 %
Nitrate (NO_3)..... 0,005 %
As ..... 0,0005 %
Ca..... 0,01 %
Cu..... 0,005 %
Fe..... 0,005 %
Mg ..... 0,01 %
Ni ..... 0,01 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141485.1210	500 g P	6
141485.1211	1000 g P	6
141485.1214	5 kg P	4
141485.0416	25 kg PP	

Potassium Hydrogen Tartrate PA

$(COO)_2KH(CHOH)_2$
M: 188,18 CAS: 868-14-4 EINECS: 212-769-1 NC: 2918 13 00
SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,0 %
pH of 0,5% solution 3,5-3,8
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,01 %
Soluble matter in C_2H_5OH..... 0,1 %
Loss on drying at 110°C..... 0,2 %
Chloride (Cl)..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,01 %
Ammonium (NH_4) ..... 0,005 %
Heavy metals (as Pb)..... 0,001 %
As ..... 0,0001 %
Ca..... 0,005 %
Cu..... 0,001 %
Fe..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121486.1210	500 g P	6
121486.0914	5 kg PP	

Potassium Hydrogen Tartrate PRS

$(COO)_2KH(CHOH)_2$

M: 188,18 CAS: 868-14-4 EINECS: 212-769-1 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	99 %
pH of 0,5% solution	3,0-3,8
Insoluble matter in H_2O	0,025 %
Loss on drying at 110°C	0,1 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,05 %
Ammonium (NH_4)	0,025 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,01 %
Cu	0,002 %
Fe	0,003 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141486.1210	500 g P	6
141486.1211	1000 g P	6
141486.0914	5 kg PP	
141486.0416	25 kg PP	

Potassium Hydrogen Tartrate (USP) CODEX

$C_4H_5KO_6$

M.= 188,18 CAS [868-14-4] EINECS 212-769-1 NC: 2918 13 00

E -336i RTECS: WW 8223000 LD L_0 oral rat 22000 mg/Kg ·

SPECIFICATIONS:

Assay (Acidim.)	99,0-101,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	p/t.
Ammonia limits	0,01 %
Heavy metals (as Pb)	0,002 %

Order code	Package	Units/Box st.
191486.0416	25 kg PP	

Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO

$(COO)_2KH(CHOH)_2$

M: 188,18 CAS: 868-14-4 EINECS: 212-769-1 NC: 2918 13 00

SPECIFICATIONS:

Assay ($C_4H_5KO_6$) after drying	99,0-101,0%
pH of 1% solution	3,2-3,6
Ammonia	p/t.
Arsenic (as As), not more than	3 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	0,001 %
Insoluble matter	p/t.
Oxalate (as Oxalic Acid) a.d.s, not more than	0,01 %
Loss on drying, not more than	1 %
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201486.0914	5 kg PP	

Potassium Hydroxide 85% pellets PA-ACS-ISO

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay (Acidim.)	85 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Carbonate (as K_2CO_3)	1,0 %
Nitrogen compounds (as N)	0,0005 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,0005 %
Silicate (as SiO_2)	0,001 %
Sulphate (SO_4)	0,002 %
Heavy metals (as Ag)	0,001 %
Al	0,001 %
As	0,00004 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,05 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131515.1210	500 g P	6
131515.1211	1000 g P	6
131515.1214	5 kg P	4

Potassium Hydroxide 85% pellets PA

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay (Acidim.)	85 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Carbonate (as K_2CO_3)	1,0 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,0005 %
Silicate (as SiO_2)	0,01 %
Sulphate (SO_4)	0,002 %
Al	0,001 %
As	0,00005 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,5 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,001 %

Order code	Package	Units/Box st.
121515.1210	500 g P	6
121515.1211	1000 g P	6
121515.1214	5 kg P	4
121515.0416	25 kg PP	

Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Assay (Acidim.)	85,0-100,5 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Carbonate (as K_2CO_3)	1,0 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,001 %
Al	0,002 %
As	0,0001 %
Ca	0,005 %
Fe	0,001 %
Mg	0,005 %
Na	1,0 %
Pb	0,001 %
Residual metals ICP:	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141515.1210	500 g P	6
141515.1211	1000 g P	6
141515.1214	5 kg P	4
141515.0416	25 kg PP	

Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H302-H314

SPECIFICATIONS:

Assay (as KOH) total alkali	85,0-100,5%
Appearance	p/t
Identity:	
Potassium	p/t.
Strongly alkaline 1% solution	p/t.
Carbonate (as K_2CO_3), not more than	3,5 %
Insoluble substances	p/t.
Lead, not more than	2 ppm
Mercury, not more than	0,1 ppm
Arsenic, not more than	3 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (CE) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201515.1214	5 kg	4
201515.0416	25 kg	

Potassium Hydroxide 90% flakes QP

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H302-H314

SPECIFICATIONS:

Assay (Acidim.)	90 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,05 %
As	0,0003 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211514.1210	500 g	6
211514.1211	1000 g	6
211514.1214	5 kg	4
211514.0416	25 kg	

POTASSIUM HYDROXIDE SOLUTIONS

Potassium Hydroxide solution 40% w/w PA

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H302-H314

1l~1,39kg 1kg~0,72l

SPECIFICATIONS:

Minimum assay (Acidim.)	40 %

MAXIMUM LIMIT OF IMPURITIES

Carbonate (as K_2CO_3)	1,0 %
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,0005 %
Nitrogen compounds (as N)	0,0003 %
Silicate (as SiO_2)	0,001 %
Sulphate (SO_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
Al	0,001 %
As	0,00004 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,25 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
123586.1211	1000 ml	6

Potassium Hydroxide solution 40% w/v RE

for gas analysis
KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H302-H314

1l~1,29kg 1kg~0,78l

SPECIFICATIONS:

Assay (Acidim.)	40 %
Carbonate (as K_2CO_3)	1,5 %
Heavy metals (as Pb)	0,0015 %

Order code	Package	Units/Box st.
171516.1210	500 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) SV

Indicator: Bromophenol Blue
KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181521.1211	1000 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
KOH

M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H315

1l~0,816kg 1kg~1,225l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182146.1611	1000 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) methanolic SV

Indicator: Phenolphthalein
KOH

M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370-H319-H315

1l~0,821kg 1kg~1,218l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182147.1211	1000 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) in 2-propanol SV

Indicator: Phenolphtalein
KOH

M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335

1l~0,787kg 1kg~1,271l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
183336.1211	1000 ml	6

Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SVc

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

SPECIFICATIONS:

Titer	1,000 ±0,002

Order code	Package	Units/Box st.
303121.1920	1 ampoule	6

Potassium Hydroxide 0,23 mol/l (0,23N) SV

for determination of raw fibre according to Weende. Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning


H319-H315

1l~1,012kg 1kg~0,988l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
183354.1214	5 l	4
183354.1315	10 l	(*)

Potassium Hydroxide 0,5 mol/l (0,5N) SV

Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,021kg 1kg~0,980l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181518.1211	1000 ml	6

Potassium Hydroxide 0,5 mol/l (0,5N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
KOH
M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H314

1l~0,840kg 1kg~1,190l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181519.1611	1000 ml	6

Potassium Hydroxide 0,5 mol/l (0,5N) methanolic SV

Indicator: Phenolphthalein
KOH
M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H331-H311-H301-H370-H314

1l~0,856kg 1kg~1,168l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181520.1211	1000 ml	6

Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SVc

KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H302-H314

SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303122.1920	1 ampoule	6

Potassium Hydroxide 1 mol/l (1N) SV

Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,042kg 1kg~0,960l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181517.1211	1000 ml	6
181517.1214	5 l	4

Potassium Hydroxide 1 mol/l (1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
KOH
M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H314

1l~0,840kg 1kg~1,190l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
184438.1611	1000 ml	6

Potassium Hydroxide 1 mol (56,109g KOH) to prepare 1l of 1N solution SVc

KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H302-H314

SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303123.1920	1 ampoule	6

Potassium Hydroxide 2 mol/l (2N) SV

Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,096kg 1kg~0,912l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182145.1211	1000 ml	6

Potassium Hydroxide 1 mol/l (1N) VINIKIT

potash liquor for determining sulphurous gas in wines
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,042kg 1kg~0,960l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
621517.1210	500 ml	6
621517.1211	1000 ml	6

Potassium Hyposulphite

(see Potassium Thiosulphate)

(*) Sol-Pack pack with tap

Potassium Iodate EQP-ACS-ISO

Primary Chemical Matter

KIO_3

M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.)(after drying at 130°C)	99,95-100,05%
pH of 5% sol.	5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,002 %
Bromide and chloride (as Cl)	0,01 %
Sulphate (SO_4)	0,005 %
Iodide (I)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,001 %
Mg	0,001 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
241540.1521	10 x 1,5 g	6
241540.1608	100 g	6

Potassium Iodate (Reag. Ph. Eur.) PA-ACS

KIO_3

M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.)	99,4-100,4%
pH of 5% solution	5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 130°C	0,05 %
Nitrogen compounds (as N)	0,002 %
Bromide and Chloride (as Cl)	0,01 %
Sulphate (SO_4)	0,005 %
Iodide (I)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,001 %
Mg	0,001 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131540.1208	100 g	6
131540.1209	250 g	6
131540.1211	1000 g	6
131540.1214	5 kg	4
131540.0416	25 kg	

Potassium Iodate PRS

KIO_3

M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.)	99 %
pH of 5% solution	4-8
Insoluble matter in H_2O	0,05 %
Loss on drying at 130°C	0,1 %
Nitrogen compounds (as N)	0,01 %
Bromide and chloride (as Cl)	0,05 %
Sulphate (SO_4)	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141540.1208	100 g	6
141540.1209	250 g	6
141540.1211	1000 g	6
141540.1214	5 kg	4
141540.0416	25 kg	

Potassium Iodate (F.C.C.) ADITIO

KIO_3

M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (as KIO_3) after drying	99,0-101,0%
Chlorate (about 0,01%)	p/t.
Iodide (about 0,002%)	p/t.
Loss on drying, not more than	0,5 %
Lead, not more than	4 ppm
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
201540.1211	1 kg	6
201540.0416	25 kg	

POTASSIUM IODATE VOLUMETRIC SOLUTIONS

Potassium Iodate 0,05 mol/l (0,3N) SV

Indicator: Starch

KIO_3

M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80
1l~1,009kg 1kg~0,991l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181541.1611	1000 ml	6

Potassium Iodate 1/60 mol/l (0,1N) SV

Indicator: Starch

KIO_3

M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80
1l~1,001kg 1kg~9,999l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182806.1611	1000 ml	6

Potassium Iodide PA-ACS-ISO

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

Minimum assay	99,5 %
pH of 5% solution	6,0-9,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Loss on drying at 150°C	0,2 %
Reducing substances I_2 (as I)	0,001 %
Chloride and bromide (as Cl)	0,01 %
Phosphate (PO_4)	0,001 %
Nitrogen compounds (as N)	0,001 %
Sulphate (SO_4)	0,0025 %
Iodate (IO_3)	0,0003 %
Heavy metals (as Pb)	0,0005 %
As	0,00001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 2	Pt 5
Al 5	Ga 5	Si 5
Au 5	Ge 5	Sn 5
B 5	Hg 5	Sr 5
Ba 10	In 5	Ti 5
Be 5	Mg 5	Tl 5
Ca 10	Mn 5	V 5
Cd 5	Mo 5	Zn 5
Co 5	Na 50	Zr 5
Cr 5	Ni 5	
Cu 5	Pb 5	

Order code	Package	Units/Box st.
131542.1209	250 g	6
131542.1210	500 g	6
131542.1211	1000 g	6
131542.1214	5 kg	4
131542.0416	25 kg	

Potassium Iodide PA-ISO

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,5 %
pH of 5% solution 6-9,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,003 %
Loss on drying at 150°C ..... 0,2 %
Reducing substances I_2 (as I) ..... 0,001 %
Chloride and bromide (as Cl) ..... 0,01 %
Phosphate (PO_4) ..... 0,001 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphate (SO_4) ..... 0,0025 %
Iodate (IO_3) ..... 0,0003 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00001 %
Ba ..... 0,001 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0003 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na ..... 0,05 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
121542.1209	250 g	6
121542.1210	500 g	6
121542.1211	1000 g	6
121542.1214	5 kg	4
121542.0416	25 kg	

Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

SPECIFICATIONS:

Assay calc. a.d.s ..... 99,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,01 %
Loss on drying at 105°C ..... 1,0 %
Alkalinity ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride and bromide (as Cl) ..... 0,05 %
Nitrate, nitrite and ammonia ..... p/t.
Sulphate (SO_4) ..... 0,015 %
Thiosulphate ..... p/t.
Iodate ..... p/t.
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0002 %
Ba ..... p/t.
Fe ..... 0,002 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141542.1209	250 g	6
141542.1210	500 g	6
141542.1211	1000 g	6
141542.1214	5 kg	4
141542.0416	25 kg	

Potassium Iodide (F.C.C.) ADITIO

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

SPECIFICATIONS:

Assay (as KI) a.d.s 99,0-101,5%
Appearance ..... p/t
Identity:
Iodide ..... p/t.
Potassium ..... p/t.
pH of 5% solution 6-10
Iodate, not more than ..... 4 ppm
Loss on drying, not more than ..... 1 %
Nitrate, Nitrite and Ammonia ..... p/t.
Thiosulphate and Barium ..... p/t.
Lead, not more than ..... 4 ppm
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201542.1214	5 kg	4

POTASSIUM IODIDE SOLUTIONS

Potassium Iodide solution 30% w/v VINIKIT

for determination of reducing sugar in wine, according to Rebelein method (see also Rebelein's Kit)

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,224kg 1kg~0,817l

Composition:
Potassium Iodide ..... 30 g
Water s.q.m. ..... 100 ml

Order code	Package	Units/Box st.
624572.1210	500 ml	6

Potassium Iodide solution 10% w/v RE

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,072kg 1kg~0,933l

Composition:
Potassium Iodide ..... 11 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
171543.1609	250 ml	6

Potassium Iodide 0,1 mol/l (0,1N) SV

Indicator: Starch

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,008kg 1kg~0,992l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
181544.1611	1000 ml	6

Potassium Iodide 1 mol/l (1N) SV

Indicator: Starch

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,118kg 1kg~0,894l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
182256.1611	1000 ml	6

Potassium Metabisulphite

(see Potassium Disulphite)

Potassium Metaperiodate

(see Potassium meta-Periodate)

Potassium Nitrate without anticaking (Reag. Ph. Eur.) PA-ISO

KNO_3

M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger

H272

Minimum assay (Arg.) ..... 99,0 %
pH of 5% solution 5-8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Nitrite (NO_2) ..... 0,001 %
Sulphate (SO_4) ..... 0,003 %
Iodate (IO_3) ..... 0,0005 %
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00004 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Fe	3	Na	200
Al	5	Ga	5	Ni	5
Ba	5	Ge	5	Pb	5
Be	5	Hg	1	Pt	5
Bi	5	In	5	Sb	5
Ca	10	Li	5	Sr	5
Cd	5	Mg	10	Ti	5
Co	5	Mn	5	Tl	5
Cu	5	Mo	5	Zn	5
				Zr	5

Order code	Package	Units/Box st.
131524.1210	500 g	6
131524.1211	1000 g	6
131524.1214	5 kg	4
131524.0416	25 kg	

Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX

KNO_3

M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Loss on drying at 105°C	0,5 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t.
Ammonium (NH_4)	0,005 %
Chloride (Cl)	0,002 %
Phosphate (PO_4)	0,003 %
Sulphate (SO_4)	0,01 %
Reducible substances	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Ca	0,005 %
Cu	0,002 %
Fe	0,001 %
Mg	0,005 %
Na	0,1 %

Order code	Package	Units/Box st.
141524.1210	500 g	6
141524.1211	1000 g	6
141524.1214	5 kg	4
141524.0416	25 kg	

Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO

KNO_3

M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (as KNO_3) after drying	99,0-100,5%
pH of 5% solution	4,5-8,5
Arsenic (as As), not more than	3 ppm
Chlorate	p/t.
Lead, not more than	4 ppm
Loss on drying, not more than	1 %
Nitrite (as KNO_2), not more than	20 ppm
Heavy metals (as Pb), not more than	0,001 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201524.1214	5 kg	4
201524.0416	25 kg	

Potassium Nitrate with anticaking (F.C.C.) ADITIO

KNO3

M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (as KNO_3) after drying	99,0-100,5%
Arsenic (as As), not more than	3 ppm
Chlorate	p/t.
Lead, not more than	4 ppm
Loss on drying, not more than	1 %
Nitrite (as KNO_2), not more than	20 ppm
Heavy metals (as Pb), not more than	0,001 %
Mercury (Hg), not more than	1 ppm

Anticaking (E504ii)
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
206401.0416	25 kg	

Potassium Nitrate 1 mol/l RV

KNO_3

M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00
1l~1,063kg 1kg~0,941l

Composition:

Potassium Nitrate	11 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
282268.1211	1000 ml	6

Potassium Nitrite PA-ACS

KNO_2

M: 85,11 CAS: 7758-09-0 EINECS: 231-832-4 NC: 2834 10 00 UN: 1488
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H301-H400

SPECIFICATIONS:

Minimum assay (Perm.)	96,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Co	5	Mo	5
Al	5	Cr	5	Na	2000
As	1	Cu	5	Ni	5
Ba	200	Fe	5	Pb	5
Bi	5	Li	20	Sr	20
Ca	50	Mg	20	Tl	5
Cd	5	Mn	5	Zn	5

Order code	Package	Units/Box st.
131855.1209	250 g	6
131855.1211	1000 g	6

Potassium Nitrite PRS

KNO_2

M: 85,11 CAS: 7758-09-0 EINECS: 231-832-4 NC: 2834 10 00 UN: 1488
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H301-H400

SPECIFICATIONS:

Assay (Perm.)	95 %
Insoluble matter in H_2O	0,05 %
Loss on drying	1,0 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,01 %
Heavy metals (as Pb)	0,005 %
Ca	0,05 %
Cu	0,002 %
Fe	0,002 %
Na	0,3 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141855.1210	500 g	6
141855.1211	1000 g	6
141855.1214	5 kg	4

Potassium Nitrite (E-249, F.C.C.) ADITIO

KNO_2

M: 85,11 CAS: 7758-09-0 EINECS: 231-832-4 NC: 2834 10 00 UN: 1488
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H301-H400

SPECIFICATIONS:

Assay (as KNO_2) calc. on the dried basis	95,0-100,5%
pH of 5% solution	6,0-9,0
Arsenic (as As), not more than	3 ppm
Loss on drying, not more than	3 %
Lead, not more than	4 ppm
Heavy metals (as Pb), not more than	0,001 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
When this product is used like additive, previously will have to be mixed with salt or salt substitute, according to Dir. 2008/84/CE.
"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201855.1214	5 kg	4

Potassium di-Oxalate mono-Basic

(see Potassium tetra-Oxalate 2-hydrate)

Potassium tetra-Oxalate 2-hydrate PRS

$KH_3(C_2O_4)_2.2H_2O$

M: 254,20 CAS: 6100-20-5 EINECS: 204-874-6 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H312-H302

SPECIFICATIONS:

Assay (Perm.)	99 %
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,02 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141538.1210	500 g P	6
141538.1211	1000 g P	6
141538.0914	5 kg PP	
141538.0416	25 kg PP	

di-Potassium Oxalate 1-hydrate PA-ACS

$(COOK)_2.H_2O$

M: 184,24 CAS: 6487-48-5 EINECS: 209-506-8 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H312-H302

SPECIFICATIONS:

Assay (Perm.)	99,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Darkened substances by H_2SO_4	p/t.
Neutrality	p/t.
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,002 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cr	5	Na	200
Al	5	Cu	5	Ni	5
Ba	20	Fe	10	Pb	10
Ca	50	Mg	20	Tl	5
Cd	5	Mn	5	Zn	5
Co	5	Mo	5		

Order code	Package	Units/Box st.
131526.1211	1000 g P	6

di-Potassium Oxalate 1-hydrate PA

$(COOK)_2.H_2O$

M: 184,24 CAS: 6487-48-5 EINECS: 209-506-8 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H312-H302

SPECIFICATIONS:

Minimum assay (Perm.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Darkened substances by H_2SO_4	p/t.
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121526.1210	500 g P	6
121526.1211	1000 g P	6
121526.0914	5 kg PP	

di-Potassium Oxalate 1-hydrate PRS

$(COOK)_2.H_2O$

M: 184,24 CAS: 6487-48-5 EINECS: 209-506-8 NC: 2917 11 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning

H312-H302

SPECIFICATIONS:

Assay (Perm.)	98 %
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,02 %
Ammonium (NH_4)	0,005 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141526.1210	500 g P	6
141526.1211	1000 g P	6
141526.0914	5 kg PP	
141526.0416	25 kg PP	

Potassium Perchlorate PA-ACS

$KClO_4$

M: 138,55 CAS: 7778-74-7 EINECS: 231-912-9 NC: 2829 90 10 UN: 1489
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger

H271-H302

SPECIFICATIONS:

Assay (Arg.)	99,0-100,5%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,003 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,0005 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,005 %
Na	0,02 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131856.1209	250 g P	6
131856.1211	1000 g P	6

Potassium Perchlorate (DAC) PRS-CODEX

$KClO_4$

M: 138,55 CAS: 7778-74-7 EINECS: 231-912-9 NC: 2829 90 10 UN: 1489
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger

H271-H302

SPECIFICATIONS:

Assay (Arg.)	99,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t.
Nitrogen compounds (as N)	0,005 %
Chloride and Chlorate (as Cl)	0,02 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141856.1210	500 g P	6
141856.1211	1000 g P	6
141856.1214	5 kg P	4
141856.0616	25 kg	

Potassium meta-Periodate (Reag. Ph. Eur.) PA-ACS

KIO_4

M: 230,00 CAS: 7790-21-8 EINECS: 232-196-0 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:
Assay (Iodom.) a.d.s 99,8-100,3%
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 110°C ..... 0,05 %
Other halogens (as Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Iodide (I) ..... 0,001 %
Mn ..... 0,0001 %

Order code	Package	Units/Box st.
131523.1208	100 g	6
131523.1214	5 kg	4

Potassium meta-Periodate PRS

KIO_4

M: 230,00 CAS: 7790-21-8 EINECS: 232-196-0 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:
Assay (Iodom.) ..... 99 %
Insoluble matter in H_2O ..... 0,05 %
Other halogens (as Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,03 %

Order code	Package	Units/Box st.
141523.1208	100 g	6
141523.1209	250 g	6
141523.1214	5 kg	6

Potassium Permanganate (max. 0,000005% Hg) PA-ACS

$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 1490
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H302-H410

SPECIFICATIONS:
Minimum assay ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,2 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride and chlorate (as Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,02 %
Hg ..... 0,000005 %

Order code	Package	Units/Box st.
471527.1210	500 g	6
471527.1211	1000 g	6

Potassium Permanganate PA-ACS

$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 1490
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H302-H410

SPECIFICATIONS:
Minimum assay ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,2 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride and chlorate (as Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,02 %

Order code	Package	Units/Box st.
131527.1209	250 g	6
131527.1210	500 g	6
131527.1211	1000 g	6
131527.1214	5 kg	4
131527.0716	25 kg	

Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 1490
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H302-H410

SPECIFICATIONS:
Assay (Iodom.) 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,2 %
Loss on drying ..... 0,5 %
Residual solvents (Ph.Eur./USP) ..... p/t
Nitrogen compounds (as N) ..... 0,03 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,003 %
As ..... 0,0003 %
Fe ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141527.1210	500 g	6
141527.1211	1000 g	6
141527.1214	5 kg	4
141527.0716	25 kg	

POTASSIUM PERMANGANATE VOLUMETRIC SOLUTIONS

Potassium Permanganate 0,01 mol/l (0,05N) SV

$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
182114.1611	1000 ml	6

Potassium Permanganate 0,02 mol/l (0,1N) SV

$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00
1l~1,002kg 1kg~0,998l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
181529.1611	1000 ml	6

Potassium Permanganate 0,02 mol (3,161g $KMnO_4$) to prepare 1l of 0,1N solution SVc

$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H411

SPECIFICATIONS:
Titer ..... 1,000 ±0,002

Order code	Package	Units/Box st.
303124.1920	1 ampoule	6

Potassium Permanganate 0,1 mol/l (0,5N) SV

for the titration of percarbonates
$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00
1l~1,01kg 1kg~0,99l
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
182651.1611	1000 ml	6

Potassium Permanganate 0,2 mol/l (1N) SV

$KMnO_4$

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H411

1l~1,022kg 1kg~0,978l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
181528.1611	1000 ml	6

Potassium Peroxidisulphate

(see Potassium Peroxodisulphate)

Potassium Peroxodisulphate (Reag. Ph. Eur.) PA

$K_2S_2O_8$

M: 270,33 CAS: 7727-21-1 EINECS: 231-781-8 NC: 2833 40 00 UN: 1492
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 99,0 %*

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Chlorine compounds (as Cl) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,0005 %
Mn ..... 0,0002 %
Ni ..... 0,001 %
Pb ..... 0,001 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
121525.1210	500 g	6
121525.1211	1000 g	6

Potassium Peroxodisulphate PRS

$K_2S_2O_8$

M: 270,33 CAS: 7727-21-1 EINECS: 231-781-8 NC: 2833 40 00 UN: 1492
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Assay (Iodom.) ..... 98 %*
Insoluble matter in H_2O ..... 0,02 %
Chloride (Cl) ..... 0,005 %
Cu ..... 0,005 %
Fe ..... 0,003 %
Ni ..... 0,005 %
Pb ..... 0,005 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141525.1210	500 g	6
141525.1211	1000 g	6
141525.1214	5 kg	4

Potassium Persulphate

(see Potassium Peroxodisulphate)

tri-Potassium Phosphate 1,5-hydrate PRS

$K_3PO_4.1,5H_2O$

M: 239,28 CAS: 27176-10-9 EINECS: 231-907-1 NC: 2835 24 00
Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Acidim.) ..... 95 %
Insoluble matter in H_2O ..... 0,05 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,05 %
As ..... 0,0005 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141513.1210	500 g	6
141513.1211	1000 g	6
141513.1214	5 kg	4
141513.0416	25 kg	

tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO

$K_3PO_4.1,5H_2O$

M: 239,28 CAS: 27176-10-9 EINECS: 231-907-1 NC: 2835 24 00
Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (K_3PO_4) calc. on the ignited substance, not less than ..... 97,0 %
P_2O_5 content ..... 30,5-33,0 %
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 10 ppm
Loss on ignition ..... 8,0-20,0 %
pH of 1% solution 11,5-12,3
Insoluble substances in anhydrous substance, not more than ..... 0,2 %
Cadmium, not more than ..... 1 ppm
Lead, not more than ..... 2 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201513.1214	5 kg	4
201513.0416	25 kg	

Potassium Phosphate mono-Basic

(see Potassium di-Hydrogen Phosphate)

Potassium Phosphate di-Basic

(see di-Potassium Hydrogen Phosphate)

Potassium Phosphate tri-Basic

(see tri-Potassium Phosphate 1,5-hydrate)

Potassium Phosphate tertiary

(see tri-Potassium Phosphate 1,5-hydrate)

tetra-Potassium Pyrophosphate anhydrous PRS

$K_4P_2O_7$

M: 330,35 CAS: 7320-34-5 EINECS: 230-785-7 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.) ..... 99 %
pH of 5% solution 9,5-10,5
Insoluble matter in H_2O ..... 0,05 %
Nitrogen compounds (as N) ..... 0,05 %
Chloride (Cl) ..... 0,1 %
Sulphate (SO_4) ..... 0,1 %
As ..... 0,001 %
Ca ..... 0,1 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Mg ..... 0,1 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
144321.1211	1000 g	6

tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO

$K_4P_2O_7$

M: 330,35 CAS: 7320-34-5 EINECS: 230-785-7 NC: 2835 39 00

SPECIFICATIONS:

Assay ($K_4P_2O_7$) calc. on the ignited basis, not less than ..... 95,0 %
Arsenic (as As), not more than ..... 3 ppm
Insoluble substances in water, not more than ..... 0,1 %
Loss on ignition, not more than ..... 0,5 %
P_2O_5 content ..... 42,0-43,7 %
pH of 1% 10,0-10,7
Fluoride, not more than ..... 10 ppm
Lead, not more than ..... 2 ppm
Mercury, not more than ..... 1 ppm
Cadmium, not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
204321.0914	5 kg	
204321.0416	25 kg	

Potassium Pyrosulphite

(see Potassium Disulphite)

Potassium Rhodanide

(see Potassium Thiocyanate)

Potassium Sodium Tartrate 4-hydrate PA-ACS-ISO

$NaK(COO)_2(CHOH)_2.4H_2O$

M: 282,23 CAS: 6381-59-5 EINECS: 205-698-2 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.).....99,0-102,0%
pH of 5% solution 6,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,003 %
Chloride (Cl)..... 0,0005 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,005 %
Ammonium (NH_4) ..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
As ..... 0,00002 %
Ca ..... 0,002 %
Cu ..... 0,0002 %
Fe..... 0,0002 %
Mg ..... 0,002 %
Ni ..... 0,0005 %
Pb ..... 0,0002 %

Order code	Package	Units/Box st.
131729.1210	500 g P	6
131729.1211	1000 g P	6
131729.1214	5 kg P	4
131729.0416	25 kg PP	

Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX

$NaK(COO)_2(CHOH)_2.4H_2O$

M: 282,23 CAS: 6381-59-5 EINECS: 205-698-2 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s.....99,0-102,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,01 %
Residual solvents (Ph.Eur./USP)..... p/t
Alkalinity ..... p/t.
Chloride (Cl)..... 0,003 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Ammonium (NH_4) ..... 0,002 %
Water (H_2O).....21,0-27,0 %
Heavy metals (as Pb)..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,01 %
Cu ..... 0,001 %
Fe..... 0,001 %
Mg ..... 0,01 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141729.1210	500 g P	6
141729.1211	1000 g P	6
141729.1214	5 kg P	4
141729.0416	25 kg PP	

Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO

$NaK(COO)_2(CHOH)_2.4H_2O$

M: 282,23 CAS: 6381-59-5 EINECS: 205-698-2 NC: 2918 13 00

SPECIFICATIONS:

Assay ($C_4H_4KNaO_6.4H_2O$).....99,0-102,0%
pH of 1% solution 6,5-8,5
Alkalinity ..... p/t.
Arsenic (as As), not more than ..... 3 ppm
Lead, not more than ..... 2 ppm
Heavy metals (as Pb), not more than ..... 10 ppm
Oxalate (as oxalic acid) a.a.s., not more than ..... 0,01 %
Loss on drying.....21,0-26,0 %
Water .....21,0-26,0 %
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 96/77/CE, F.C.C. 6

Order code	Package	Units/Box st.
201729.1214	5 kg P	4

Potassium Sorbate PA

$CH_3(CHCH)_2COOK$

M: 150,22 CAS: 24634-61-5 EINECS: 246-376-1 NC: 2916 19 30

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 99,0 %
Identity.....IR p/t.
pH of 10% solution 8,0-10,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,005 %
Loss on drying at 105°C..... 1,0 %
Chloride (Cl)..... 0,005 %
Heavy metals (as Pb)..... 0,001 %
Al ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0002 %
Fe..... 0,0002 %
Mg ..... 0,002 %
Mn ..... 0,0005 %
Na ..... 0,3 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
121531.1210	500 g P	6
121531.1211	1000 g P	6
121531.0914	5 kg PP	

Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$CH_3(CHCH)_2COOK$

M: 150,22 CAS: 24634-61-5 EINECS: 246-376-1 NC: 2916 19 30

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Loss on drying at 105°C..... 1,0 %
Residual solvents (Ph.Eur./USP)..... p/t
Acidity and alkalinity..... p/t.
Aldehydes (as CH_3CHO)..... 0,15 %
Heavy metals (as Pb)..... 0,001 %
As ..... 0,0002 %
Cu ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141531.1210	500 g P	6
141531.1211	1000 g P	6
141531.0914	5 kg PP	
141531.0416	25 kg	

Potassium Sorbate (E-202, F.C.C.) ADITIO

$CH_3(CHCH)_2COOK$

M: 150,22 CAS: 24634-61-5 EINECS: 246-376-1 NC: 2916 19 30

SPECIFICATIONS:

Assay ($C_6H_7KO_2$) (after drying).....99,0-101,0%
Acidity (as Sorbic Acid, not more than)..... 1,0 %
Alkalinity (as K_2CO_3, not more than)..... 1,0 %
Arsenic (as As), not more than ..... 3 ppm
Lead, not more than ..... 2 ppm
Loss on drying, not more than ..... 1,0 %
Heavy metals (as Pb), not more than ..... 10 ppm
Aldehydes (as Formaldehyde), not more than..... 0,1 %
Volatile matter, not more than..... 1,0 %
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201531.0914	5 kg PP	
201531.0416	25 kg PP	

Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO

K_2SO_4

M: 174,27 CAS: 7778-80-5 EINECS: 231-915-5 NC: 3104 30 00

SPECIFICATIONS:

Minimum assay	99,0 %
pH of 5% solution	5,5-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 105°C	1,0 %
Nitrogen compounds (as N)	0,0005 %
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,0005 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al	5	Fe	5	Ni	5
Ba	5	Ga	5	Pb	5
Be	5	In	5	Se	5
Ca	50	Li	10	Sr	5
Cd	5	Mg	20	Ti	5
Co	5	Mn	5	V	5
Cr	5	Mo	5	Zn	5
Cu	5	Na	200	Zr	5

Order code	Package	Units/Box st.
131532.1210	500 g (P)	6
131532.1211	1000 g (P)	6
131532.1214	5 kg (P)	4
131532.0416	25 kg (PP)	

Potassium Sulphate PRS

K_2SO_4

M: 174,27 CAS: 7778-80-5 EINECS: 231-915-5 NC: 3104 30 00

SPECIFICATIONS:

Assay	98 %
pH of 5% solution	5,5-8,0
Insoluble matter in H_2O	0,025 %
Loss on drying at 105°C	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,01 %
Phosphate (PO_4)	0,005 %
As	0,0001 %
Ca	0,03 %
Cu	0,003 %
Fe	0,003 %
Mg	0,03 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141532.1210	500 g (P)	6
141532.1211	1000 g (P)	6
141532.1214	5 kg (P)	4
141532.0416	25 kg (PP)	

Potassium Sulphate (E-515i, F.C.C.) ADITIO

K_2SO_4

M: 174,27 CAS: 7778-80-5 EINECS: 231-915-5 NC: 3104 30 00

SPECIFICATIONS:

Assay (K_2SO_4)	99,0-100,5%
pH of 5% solution	5,5-8,5
Selenium, not more than	5 ppm
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201532.1214	5 kg (P)	4
201532.0416	25 kg (PP)	

Potassium Sulphocyanide

(see Potassium Thiocyanate)

Potassium Tartrate 1/2-hydrate (Reag. Ph. Eur.) PA

$C_4H_4K_2O_6.{}^1/_2H_2O$

M: 235,28 CAS: 6100-19-2 EINECS: 205-697-7 NC: 2918 13 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,5 %
pH of 5% solution	6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 150°C	3,5-3,9 %
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,003 %
Heavy metals (as Pb)	0,001 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,001 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121537.1210	500 g (P)	6
121537.1211	1000 g (P)	6
121537.0914	5 kg (PP)	
121537.0416	25 kg	

Potassium Tartrate 1/2-hydrate PRS

$C_4H_4K_2O_6.{}^1/_2H_2O$

M: 235,28 CAS: 6100-19-2 EINECS: 205-697-7 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	98 %
pH of 5% solution	6,5-9,0
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,05 %
Ammonium (NH_4)	0,005 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141537.1210	500 g (P)	6
141537.1211	1000 g (P)	6
141537.0416	25 kg	

Potassium Tellurite x-hydrate, 95,0% PS

$K_2TeO_3.xH_2O$

M: 253,79+xH_2O CAS: 123333-66-4 EINECS: 232-213-1 NC: 2842 90 10
UN: 3284

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Minimum assay calc. a.d.s.	95,0 %

Order code	Package	Units/Box st.
15A299.1207	50 g (P)	6

Potassium Tetraiodomercurate(II)

(see Nessler's Reagent A)

Potassium Tetraoxalate

(see Potassium tetra-Oxalate 2-hydrate)

Potassium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO

KSCN

M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Minimum assay (Arg)	99,0 %
pH of 5% solution	5,3-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Insoluble matter in C_2H_5OH	0,01 %
Iodine-consuming substances (I)	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %
Sulphide (S)	0,001 %
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
Cu	0,0005 %
Fe	0,0001 %
Na	0,005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131534.1210	500 g (P)	6
131534.1211	1000 g (P)	6
131534.0914	5 kg (PP)	
131534.0416	25 kg (PP)	

Potassium Thiocyanate PA

KSCN

M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Minimum assay (Arg) ..... 99,0 %
pH of 5% solution 5,3-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Iodine-consuming substances (I) ..... 0,05 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,05 %
Sulphide (S) ..... 0,002 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Na ..... 0,05 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
121534.1210	500 g P	6
121534.1211	1000 g P	6
121534.0914	5 kg PP	4
121534.0416	25 kg PP	

Potassium Thiocyanate PRS

KSCN

M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Assay (Arg.) ..... 98 %
pH of 5% solution 5,0-8,7
Insoluble matter in H_2O ..... 0,02 %
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,1 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141534.1210	500 g P	6
141534.1211	1000 g P	6
141534.0914	5 kg PP	
141534.0416	25 kg PP	

POTASSIUM THIOCYANATE SOLUTIONS

Potassium Thiocyanate solution 20% w/v VINIKIT

for determination of Fe, according to Ferré Michel method
KSCN

M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032

1l~1,092kg 1kg~0,916l

Composition:
Potassium Thiocyanate ..... 20 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
625514.1208	100 ml P	6

Potassium Thiocyanate solution 5% w/v VINIKIT

for determination of Fe, according to Ferré Michel method
KSCN

M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80

1l~1,022kg 1kg~0,978l

Composition:
Potassium Thiocyanate ..... 5 g
Water s.q.m. ..... 100 ml

Order code	Package	Units/Box st.
624575.1209	250 ml P	6
624575.1210	500 ml P	6

Potassium Thiocyanate 0,1 mol/l (0,1N) SV

Indicator: Alum Iron Ammonium
KSCN

M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80

1l~1,005kg 1kg~0,995l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
181535.1211	1000 ml P	6

Potassium Thiosulphate x-hydrate PRS

$K_2S_2O_3.xH_2O$

M: 190,34(anh) CAS: 10294-66-3 EINECS: 233-666-8 NC: 2832 30 00

Signal Word: Warning

H319-H315

SPECIFICATIONS:

Assay (Iodom.) (as $K_2S_2O_3$) ..... 96 %
pH of 5% solution 6-9
Insoluble matter in H_2O ..... 0,02 %
Loss on drying at 150°C ..... 2-4 %
Chloride (Cl) ..... 0,05 %
Heavy metals (as Pb) ..... 0,001 %
Fe ..... 0,001 %

Order code	Package	Units/Box st.
144272.1208	100 g P	6

Potassium Xanthogenate

(see Potassium O-Ethyldithiocarbonate)

Potato Starch (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 5-8
Loss on drying at 105°C ..... 20 %
Residue on ignition (as SO_4) ..... 1 %
Total Nitrogen ..... 0,017 %

Order code	Package	Units/Box st.
404148.1210	500 g P	6
404148.0914	5 kg PP	
404148.0416	25 kg	

PPTS

(see Pyridinium 4-Toluenesulphonate)

PRASEODYMIUM SOLUTIONS

(see Standards for ICP)

L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_5H_9NO_2$

M: 115,13 CAS: 147-85-3 EINECS: 205-702-2 NC: 2933 99 90

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%
Identity according to Pharmacopoieas ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=4 (in H_2O) calc. a.d.s. ..... -84,3 to-85,7°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 0,4 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
143646.1208	100 g P	6

L-Proline (F.C.C.) ADITIO

$C_5H_9NO_2$

M: 115,13 CAS: 147-85-3 EINECS: 205-702-2 NC: 2933 99 90

SPECIFICATIONS:

Assay (as $C_5H_9NO_2$) calc. a.d.s 98,5-101,5%
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,3 %
Residue on ignition, not more than ..... 0,1 %
Specific rotation $[\alpha]^{20}$/D calc. a.d.s. ..... -84,0 to-86,3°
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203646.1210	500 g P	6

L-Proline, 99% PS

$C_5H_9NO_2$

M: 115,13 CAS: 147-85-3 EINECS: 205-702-2 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 99 %
Identity ..... IR p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=4 (in H_2O) ..... -84,0 to -86,0°

Order code	Package	Units/Box st.
163646.1206	25 g P	6
163646.1208	100 g P	6

Propanal, 98% PS

CH_3CH_2CHO

M: 58,08 CAS: 123-38-6 EINECS: 204-623-0 NC: 2912 19 90 UN: 1275
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H335-H315

1l~0,803kg 1kg~1,245l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,801-0,804

Order code	Package	Units/Box st.
15A856.1608	100 ml	6

1,2-Propanediol (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

$C_3H_8O_2$

M: 76,10 CAS: 57-55-6 EINECS: 200-338-0 NC: 2905 32 00
1l~1,040kg 1kg~0,962l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t.
Density at 20/20	1,035-1,040
Density at 25/25	1,035-1,037
Refractive index n^{20}/D	1,431-1,433
Distillation range (min. 95%)	184-189°C

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t.
Diethylene glycol	0,10%
Ethylene glycol.	0,10%
Residue on ignition (as SO_4)	.0,005 %
Oxidizing substances	p/t.
Reducing substances	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Acidity (Ph. Eur.)	p/t.
Acidity (USP, JP)	p/t.
Water (H_2O)	0,2 %
Chloride (Cl)	0,007 %
Sulphate (SO_4)	0,002 %
Glycerol	p/t.
Heavy metals (as Pb)	0,0005 %
As	0,0002 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141545.1211	1000 ml	6
141545.1212	2,5 l	4
141545.1214	5 l	4
141545.0716	25 l	
141545.0718	60 l	

1,2-Propanediol (E-1520, F.C.C.) ADITIO

$C_3H_8O_2$

M: 76,10 CAS: 57-55-6 EINECS: 200-338-0 NC: 2905 32 00
1l~1,040kg 1kg~0,962l

SPECIFICATIONS:

Assay ($C_3H_8O_2$) by weight, not less than	99,5 %
Distillation range	185-189°C
Acidity	p/t.
Residue on ignition, not more than	0,007 %
Specific gravity	1,035-1,037
Refraction index n^{20}/D	1,431-1,433
Water, not more than	0,2 %
Lead, not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201545.1214	5 l	4
201545.0716	25 l	

1,2-Propanediol, 99% PS

$C_3H_8O_2$

M: 76,10 CAS: 57-55-6 EINECS: 200-338-0 NC: 2905 32 00
1l~1,040kg 1kg~0,962l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,038-1,042
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
151545.1211	1000 ml	6
151545.1212	2,5 l	4

1,3-Propanediol, 98% PS

$C_3H_8O_2$

M: 79,09 CAS: 504-63-2 EINECS: 207-997-3 NC: 2905 39 85
1l~1,053kg 1kg~0,949l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A116.1609	250 ml	6
15A116.1611	1000 ml	6

1,3-Propanedithiol, 98% PS

$C_3H_8S_2$

M: 108,22 CAS: 109-80-8 EINECS: 203-706-9 NC: 2930 90 85
1l~1,078kg 1kg~0,927l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A117.1606	25 ml	6
15A117.1608	100 ml	6

Propanenitrile

(see Propionitrile)

1,2,3-Propanetriol

(see Glycerol)

Propanoic Acid

(see Propionic Acid)

1-Propanol (UV-IR-HPLC-HPLC preparative) PAI

$CH_3CH_2CH_2OH$

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H318-H336

1l~0,804kg 1kg~1,244l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Density at 20/4	0,803-0,805

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non volatile matter	0,0002 %
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,1 %
Suitability for IR spectrometry	p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	230	240	250	260-400
A (AU)	1,000	0,824	0,155	0,097	0,027	0,009
T (%)	10	15	70	80	94	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	4,0
Eluotropic value E°(Al_2O_3)	0,82
Sol. H_2O in solv. at 20°C	miscible

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361885.1611	1000 ml	6
361885.1612	2,5 l	4

1-Propanol (Reag. USP, Ph. Eur.) PA-ACS

$CH_3CH_2CH_2OH$

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H318-H336

1l~0,804kg 1kg~1,244l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,803-0,805
Distillation range (>95% dist.)	96-98°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,001 %
Acetone (G.C.)	0,01 %
Ethanol (G.C.)	0,01 %
di-n-Propyl Ether (G.C.)	0,1 %
Methanol (G.C.)	0,01 %
2-Propanol (G.C.)	0,05 %
Propionaldehyde (G.C.)	0,01 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0004 meq/g
Alkalinity	0,0006 meq/g
Carbonyl compounds (as C_2H_5CHO)	0,03 %
Water (H_2O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
131885.1611	1000 ml	6
131885.1612	2,5 l	4
131885.1214	5 l	4
131885.0716	25 l	
131885.0718	60 l	

1-Propanol (BP, Ph. Eur.) PRS-CODEX

$CH_3CH_2CH_2OH$

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H318-H336

1l~0,804kg 1kg~1,244l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t.
Density at 20/4	0,803-0,805

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t.
Non-volatile matter	0,004 %
Residual solvents (Ph.Eur./USP)	p/t
Reducing substances	p/t.
Related substances (G.C.):	
Individual peak	0,1 %
Total	0,3 %
Acidity or alkalinity	p/t.
Water (H_2O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	230	250	270	290	310
A (AU)	0,300	0,100	0,030	0,020	0,010

Order code	Package	Units/Box st.
141885.1211	1000 ml	6
141885.1212	2,5 l	4
141885.1214	5 l	4
141885.0716	25 l	

1-Propanol, 99,5% PS

$CH_3CH_2CH_2OH$

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H318-H336

1l~0,804kg 1kg~1,244l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,803-0,805
Non-volatile matter	0,001 %
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
161885.1211	1000 ml	6
161885.1212	2,5 l	4
161885.1714	5 l	4
161885.0616	25 l	

n-Propanol

(see 1-Propanol)

2-Propanol (VLSI) EG

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Assay	99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,0001 %
Nitrate (NO_3)	0,0001 %
Sulphate (SO_4)	0,0001 %
Sulphite (SO_3)	0,0001 %
Acidity	0,2 µeq/g
Alkalinity	0,1 µeq/g
Water (H_2O)	0,1 %
0,5 µm particles	250 /ml

Metals by ICP [µ g/Kg (ppb)]

Ag	10	Cr	10	Ni	10
Al	20	Cu	10	Pb	10
As	10	Fe	50	Sb	10
Au	20	Ga	10	Sn	10
B	20	K	20	Sr	20
Ba	20	Li	10	Ti	10
Bi	10	Mg	50	V	10
Ca	50	Mn	10	Zn	20
Cd	10	Mo	10		
Co	10	Na	50		

Order code	Package	Units/Box st.
871090.1212	2,5 l	4

2-Propanol (HPLC-gradient grade-UV-IR) PAI

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0002 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,05 %
Suitability for IR spectrometry ..... p/t.
Gradient:

λ (nm)	235	254
A (mAU)	1,0	1,0

UV Spectrum (1 cm cell; Ref.: water)*

λ (nm)	207 (Cut off)	220	230	250-400
A (AU)	1,000	0,097	0,046	0,004
T (%)	10	80	90	99

*Read after purging with nitrogen.
Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 3,9
Eluotropic value ε° (Al_2O_3) 0,82
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
221090.1611	1000 ml	6
221090.1612	2,5 l	4

2-Propanol (HPLC) PAI

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,05 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	207 (Cut off)	217	232	242	250	260-400
A (AU)	1,000	0,301	0,097	0,046	0,022	0,009
T (%)	10	50	80	90	95	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 3,9
Eluotropic value E°(Al_2O_3) 0,82
Sol. H_2O in solv. at 20°C ..... miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361090.1611	1000 ml	6
361090.1612	2,5 l	4
361090.1616	25 l	

2-Propanol (HPLC-preparative) PAI

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,8 %
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,05 %
UV Spectrum (1cm cell; Ref.: water)

λ (nm)	220	260-400
A (AU)	0,301	0,009
T (%)	50	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
261090.0314	5 l	4

2-Propanol (PAR) PAI

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,1 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos)
(as Ethylparathion) ..... 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) ..... p/t.

Order code	Package	Units/Box st.
321090.1611	1000 ml	6
321090.1612	2,5 l	4

2-Propanol dry (max. 0,01% water) DS-ACS-ISO

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,784-0,786

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,001 %
Acetone (G.C.)	0,002 %
Ethanol (G.C.)	0,01 %
Methanol (G.C.)	0,05 %
1-Propanol (G.C.)	0,05 %
Reducing substances to $KMnO_4$ (as O)	0,0005 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0001 meq/g
Alkalinity	0,0001 meq/g
Carbonyl compounds (as Propionaldehyde)	0,002 %
Carbonyl compounds (as Acetone)	0,002 %
Water (H_2O)	0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481090.1611	1000 ml	6

2-Propanol (Reag. Ph. Eur.) PA-ACS-ISO

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	0,784-0,786
Boiling range	81-83°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H_2O	p/t.
Non-volatile matter	0,001 %
Acetone (G.C.)	0,002 %
Ethanol (G.C.)	0,01 %
Methanol (G.C.)	0,05 %
1-Propanol (G.C.)	0,05 %
Reducing substances to $KMnO_4$ (as O)	0,0005 %
Darkened substances by H_2SO_4	p/t.
Acidity	0,0001 meq/g
Alkalinity	0,0001 meq/g
Carbonyl compounds (as Propionaldehyde)	0,002 %
Carbonyl compounds (as Acetone)	0,002 %
Water (H_2O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131090.1611	1000 ml	6
131090.1211	1000 ml	6
131090.1612	2,5 l	4
131090.1212	2,5 l	4
131090.1214	5 l	4
131090.0716	25 l	
131090.0718	60 l	

2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t.
Density at 20/20	0,785 - 0,789
Density at 25/25	0,783-0,787
Refractive index n^{20}/D	1,376-1,378

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t.
Non-volatile matter	0,002 %
Residual solvents (Ph.Eur./USP)	p/t.
Benzene	0,0002 %
Ethanol (G.C.)	0,05 %
Peroxides	p/t.
Related substances	0,3 %
Acidity or alkalinity	p/t.
Water (H_2O)	0,5 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

UV Spectrum:

λ (nm)	230	250	270	290	310
A (AU)	0,30	0,10	0,03	0,02	0,01

Order code	Package	Units/Box st.
141090.1211	1000 ml	6
141090.1212	2,5 l	4
141090.1214	5 l	4
141090.0716	25 l	
141090.0718	60 l	
141090.0719	200 l	

2-Propanol (F.C.C.) ADITIO

extraction solvent for industrial food use

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Assay (in C_3H_8O), not less than	99,7 %
Acidity (as acetic acid), not more than	10 ppm
Distillation range (including 82,3°C)	1°C
Non-volatile residue, not more than	10 ppm
Solubility in water	p/t.
Substances reducing to $KMnO_4$	p/t.
Water, not more than	0,2 %
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm
Specific weight, not less than	0,784
Specifications Dir. 92/115/CEE, F.C.C. 6	

Order code	Package	Units/Box st.
201090.1214	5 l	4
201090.0716	25 l	

2-Propanol, 99,7% PS

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.)	99,7 %
Identity	IR p/t.
Density at 20/4	0,784-0,786
Non-volatile matter	0,002 %
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
161090.1211	1000 ml	6
161090.1212	2,5 l	4
161090.1714	5 l	4
161090.0616	25 l	
161090.0619	200 l	

2-Propanol QP

$CH_3CHOHCH_3$

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Assay (G.C.) ..... 99,5 %
Density at 20/4 0,784-0,786
Acidity ..... 0,0015 meq/g
Alkalinity ..... 0,006 meq/g
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
211090.1211	1000 ml	6
211090.1214	5 l	4
211090.0716	25 l	
211090.0718	60 l	

2-Propanone

(see Acetone)

Propanoyl Chloride

(see Propionyl Chloride)

2-Propeneamide

(see Acrylamide)

2-Propenenitrile

(see Acrylonitrile)

2-Propenoic Acid

(see Acrylic Acid)

2-Propenoic Acid Methyl Ester

(see Methyl Acrylate)

2-Propen-1-ol

(see Allyl Alcohol)

2-Propenylthiourea

(see N-Allylthiourea)

Propionaldehyde

(see Propanal)

Propionic Acid (Reag. Ph. Eur.) PA-ACS

CH_3CH_2COOH

M: 74,08 CAS: 79-09-4 EINECS: 201-176-3 NC: 2915 50 00 UN: 3463
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~0,991kg 1kg~1,009l

SPECIFICATIONS:

Assay (Acidim.) 99,5-100,5%
Identity ..... IR p/t.
Density at 20/4 0,988-0,993

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20
Non-volatile matter ..... 0,01 %
Oxidable easily substances (as HCOOH) ..... 0,10 %
Carbonyl compounds ..... 0,002 %
Water (H_2O) ..... 0,15 %
Heavy metals (as Pb) ..... 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,02	Cu	0,02	Ni	0,05
Al	0,05	Fe	0,2	Pb	0,02
As	0,1	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,02	Sb	0,02
B	0,05	Hg	0,1	Si	0,1
Ba	0,05	In	0,05	Sn	0,05
Be	0,02	K	0,1	Sr	0,02
Bi	0,05	Li	0,02	Ti	0,02
Ca	0,1	Mg	0,05	Tl	0,02
Cd	0,02	Mn	0,02	V	0,02
Co	0,02	Mo	0,02	Zn	0,1
Cr	0,1	Na	0,3	Zr	0,02

Order code	Package	Units/Box st.
131810.1609	250 ml	6

Propionic Acid (E-280, F.C.C.) ADITIO

CH_3CH_2COOH

M: 74,08 CAS: 79-09-4 EINECS: 201-176-3 NC: 2915 50 00 UN: 3463
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~0,991kg 1kg~1,009l

SPECIFICATIONS:

Assay (in $C_3H_6O_2$) calc. a.d.s. 99,5-100,5%
Aldehydes (as Propionaldehyde, about 0,05%) ..... p/t.
Arsenic (as As), not more than ..... 3 ppm
Non-volatile residue, not more than ..... 0,01 %
Easily oxidizable substances (as HCOOH) ..... p/t.
Distillation range ..... 138,5-142,5°C
Specific gravity to 20/20 0,993-0,997
Lead, not more than ..... 2 ppm
Heavy metals (as Pb), not more than ..... 10 ppm
Water, not more than ..... 0,15 %
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201810.1214	5 l	4
201810.0716	25 l	

Propionic Acid, 99% PS

CH_3CH_2COOH

M: 74,08 CAS: 79-09-4 EINECS: 201-176-3 NC: 2915 50 00 UN: 3463
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~0,991kg 1kg~1,009l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,988-0,993
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
161810.1611	1000 ml	6
161810.1612	2,5 l	4
161810.1214	5 l	4

Propionic Acid Chloride

(see Propionyl Chloride)

Propionic Acid Sodium Salt

(see Sodium Propionate)

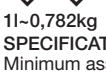
Propionic Aldehyde

(see Propanal)

Propionitrile (UV-HPLC) PAI

C_3H_5N

M: 55,08 CAS: 107-12-0 EINECS: 203-454-4 NC: 2926 90 95 UN: 2404
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: 307
Signal Word: Danger



H225-H331-H311-H301

1l~0,782kg 1kg~1,278l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Identity ..... IR p/t.
Density at 20/4 0,781-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0001 %
Water (H_2O) ..... 0,01 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	210	220	235	250	290-400
A (AU)	1,000	0,301	0,097	0,022	0,009	0,004
T (%)	10	50	80	95	98	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
365732.1611	1000 ml	6
365732.1612	2,5 l	4

Propionitrile, 99% PS

C_3H_5N

M: 55,08 CAS: 107-12-0 EINECS: 203-454-4 NC: 2926 90 95 UN: 2404
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: 307
Signal Word: Danger



H225-H331-H311-H301

1l~0,782kg 1kg~1,278l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,780-0,784
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
165732.1608	100 ml	6
165732.1610	500 ml	6

Propionyl Chloride, 98% PS

C_3H_5ClO

M: 92,53 CAS: 79-03-8 EINECS: 201-170-0 NC: 2915 90 80 UN: 1815
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH014-H314

1l~1,058kg 1kg~0,945l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,057-1,059

Order code	Package	Units/Box st.
15A859.1608	100 ml	6

Propiophenone, 99% PS

$C_9H_{10}O$

M: 134,18 CAS: 93-55-0 EINECS: 202-257-6 NC: 2914 29 00
1l~1,009kg 1kg~0,991l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,008-1,010

Order code	Package	Units/Box st.
15A858.1611	1000 ml	6

iso-Propyl Acetate

(see Isopropyl Acetate)

2-Propyl Acetate

(see Isopropyl Acetate)

n-Propyl Alcohol

(see 1-Propanol)

iso-Propyl Alcohol

(see 2-Propanol)

Propylene Carbonate, 99% PS

$C_4H_6O_3$

M: 102,09 CAS: 108-32-7 EINECS: 203-572-1 NC: 2920 90 85
Signal Word: Warning



H319

1l~1,204kg 1kg~0,830l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,204-1,205

Order code	Package	Units/Box st.
165348.1209	250 ml	6
165348.1211	1000 ml	6

1,2-Propyleneglycol

(see 1,2-Propanediol)

iso-Propyl Ether

(see Di-Isopropyl Ether)

Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_{10}H_{12}O_5$

M: 212,20 CAS: 121-79-9 EINECS: 204-498-2 NC: 2918 29 80
Signal Word: Warning



H302-H317

SPECIFICATIONS:

Assay (calc. a.d.s.) 98,0-102,0%
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 148-150°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Loss on drying at 105°C ..... 0,5 %
Residual solvents (Ph.Eur./USP) ..... p/t
Gallic Acid (T.L.C.) ..... 0,5 %
Total Chlorine (as Cl) ..... 0,02 %
Chloride (Cl) ..... 0,01 %
Heavy Metals (as Pb) ..... 0,001 %
Zn ..... 0,0025 %

Order code	Package	Units/Box st.
141962.1208	100 g	6
141962.1210	500 g	6
141962.0914	5 kg	

Propyl Gallate (E-310, F.C.C.) ADITIO

$C_{10}H_{12}O_5$

M: 212,20 CAS: 121-79-9 EINECS: 204-498-2 NC: 2918 29 80
Signal Word: Warning



H302-H317

SPECIFICATIONS:

Assay (as $C_{10}H_{12}O_5$) a.d.s. 99,0-102,0%
Free acids (as $C_7H_6O_5$), not more than ..... 0,5 %
Arsenic (as As), not more than ..... 3 ppm
Organic chlorinated compounds (as Cl), not more than ..... 100 ppm
Residue on ignition, not more than ..... 0,1 %
Loss on drying, not more than ..... 0,5 %
Heavy metals (as Pb), not more than ..... 10 ppm
Lead, not more than ..... 1 ppm
Mercury (Hg), not more than ..... 1 ppm
Melting range (a.d.s.) ..... 146-150°C
A 1%; 1cm; λ275 nm, in ethanol 485-520
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201962.0914	5 kg	

Propyl 4-Hydroxybenzoate, 99% PS

$C_{10}H_{12}O_3$

M: 180,20 CAS: 94-13-3 EINECS: 202-307-7 NC: 2918 29 30

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A512.1609	250 g	6
15A512.1611	1000 g	6

Propyl Iodide

(see 1-Iodopropane)

2-iso-Propyl-5-Methylphenol

(see Thymol)

Propylparaben

(see Propyl 4-Hydroxybenzoate)

Protein Cleaning Solution RV

for electrode cleaning

NC: 3822 00 00

1l~1,015kg 1kg~0,985l

Composition:
Pepsin ..... 5,0 g
Hydrochloric Acid 0,1 mol/l s.q.m ..... 100 ml

Order code	Package	Units/Box st.
285252.1209	250 ml	6

Proteose Peptone (Ingredient) CULTIMED

Ingredient of a high nutritive value for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 12 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403901.1210	500 g	6
403901.0914	5 kg	
403901.0416	25 kg	

Proteose Peptone n° 3 (Ingredient) CULTIMED

Nutrient for fastidious microorganisms cultivation

NC: 3504 00 00

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403939.1210	500 g	6
403939.0914	5 kg	
403939.0416	25 kg	

Protocatechualdehyde

(see 3,4-Dihydroxybenzaldehyde)

Protocatechuic Acid

(see 3,4-Dihydroxybenzoic Acid)

Pumice Stone granules QP

additive regulator of boiling (see also Rebelein's Kit)

NC: 2513 10 00

Order code	Package	Units/Box st.
211835.1209	250 g	6
211835.1210	500 g	6
211835.0914	5 kg	4

Pyridine dry (max. 0,01% water) DS-ACS

C_5H_5N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l~0,982kg 1kg~1,018l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,981-0,982

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
2-Methylpyridine (G.C.) ..... 0,1 %
Piperidine (G.C.) ..... 0,01 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0005 %
Water (H_2O) ..... 0,01 %
Ammonia (NH_3) ..... 0,002 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481457.1611	1000 ml	6

Pyridine (Reag. Ph. Eur.) PA-ACS

C_5H_5N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l~0,982kg 1kg~1,018l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,981-0,982

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H_2O ..... p/t.
Non-volatile matter ..... 0,001 %
2-Methylpyridine (G.C.) ..... 0,1 %
Piperidine (G.C.) ..... 0,01 %
Reducing substances to $KMnO_4$ (as O) ..... 0,0005 %
Water (H_2O) ..... 0,1 %
Ammonia (NH_3) ..... 0,002 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131457.1611	1000 ml	6
131457.1612	2,5 l	4
131457.1214	5 l	4
131457.0716	25 l	

Pyridine PRS

C_5H_5N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l~0,982kg 1kg~1,018l

SPECIFICATIONS:

Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,981-0,982
Non-volatile matter ..... 0,01 %
2-Methylpyridine (G.C.) ..... 0,2 %
Piperidine (G.C.) ..... 0,05 %
Water (H_2O) ..... 0,3 %
Ammonia (NH_3) ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141457.1611	1000 ml	6
141457.1612	2,5 l	4
141457.1214	5 l	4
141457.0716	25 l	

Pyridine, 99% PS

C_5H_5N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l~0,982kg 1kg~1,018l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,981-0,982
Non-volatile matter ..... 0,001 %
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
161457.1611	1000 ml	6
161457.1612	2,5 l	4
161457.0716	25 l	

Pyridine (max. 0,02% water) according to Karl Fischer RE

for water determination
C_5H_5N
M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H302

1l~0,982kg 1kg~1,018l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,981-0,982

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O) ..... 0,02 %

Order code	Package	Units/Box st.
171457.1611	1000 ml	6

Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI

C_5D_5N
M: 84,13 CAS: 7291-22-7 EINECS: 230-720-2 NC: 2845 90 10 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H302

1l~1,05kg 1kg~0,95l

SPECIFICATIONS:
Deuteration degree min. ..... 99,95 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O+D_2O) ..... 0,02 %

Order code	Package	Units/Box st.
745865.02130	10 x 0,75 ml	6

Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI

C_5D_5N
M: 84,13 CAS: 7291-22-7 EINECS: 230-720-2 NC: 2845 90 10 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H302

1l~1,05kg 1kg~0,95l

SPECIFICATIONS:
Deuteration degree min. ..... 99,8 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745864.02130	10 x 0,75 ml	6
745864.1605	10 ml	6

Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI

C_5D_5N
M: 84,13 CAS: 7291-22-7 EINECS: 230-720-2 NC: 2845 90 10 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H332-H312-H302

1l~1,05kg 1kg~0,95l

SPECIFICATIONS:
Deuteration degree min. ..... 99,5 %
NMR suitability ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O+D_2O) ..... 0,05 %

Order code	Package	Units/Box st.
745863.1605	10 ml	6

3-Pyridinecarboxylic Acid

(see Nicotinic Acid)

Pyridine 2,6-Dicarboxylic Acid, 98% PS

$C_7H_5NO_4$
M: 167,12 CAS: 499-83-2 EINECS: 207-894-3 NC: 2933 39 99
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 98 %
Identity ..... IR p/t.
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
15A694.1606	25 g	6
15A694.1608	100 g	6

3-Pyridinesulphonic Acid, 98% PS

$C_5H_5NO_3S$
M: 159,16 CAS: 636-73-7 EINECS: 211-265-9 NC: 2933 39 99 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger


H314

SPECIFICATIONS:
Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B853.1606	25 g	6
15B853.1608	100 g	6

Pyridine-Sulphur Trioxide (Complex)

(see Sulphur Trioxide-Pyridine (Complex))

Pyridinium 4-Toluenesulphonate, 99% PS

$C_{12}H_{13}NO_3S$
M: 251,30 CAS: 24057-28-1 EINECS: 246-002-7 NC: 2933 31 00

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 118-120°C

Order code	Package	Units/Box st.
15A852.1206	25 g	6

2-Pyridinoethanol

(see 2-(2-Hydroxyethyl) Pyridine)

4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS

for complexometry
$C_{11}H_8N_3NaO_2.H_2O$
M: 255,21 CAS: 16593-81-0 EINECS: 236-339-8 NC: 2933 39 99

SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 99 %
Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... p/t.
Water (H_2O) ..... 7-10 %
Suitability as complexometric indicator according to ACS ..... p/t.

Order code	Package	Units/Box st.
132071.1603	1 g	6

3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4',4"-Disulphonic Acid Disodium Salt PA

$C_{20}H_{12}N_4Na_2O_6S_2$
M: 514,36 CAS: 28048-33-1 EINECS: 248-797-6 NC: 2933 69 80

SPECIFICATIONS:
Identity ..... IR p/t.
A 1%, 1 cm, λ=282 nm, H_2O (a.d.s.) ..... >410

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O) ..... 8 %
Suitability as Fe reagent ..... p/t.

Order code	Package	Units/Box st.
124453.1603	1 g	6

Pyrocatechol (Reag. USP, Ph. Eur.) PA

$C_6H_6O_2$

M: 110,11 CAS: 120-80-9 EINECS: 204-427-5 NC: 2907 29 00

Signal Word: Warning



H312-H302-H319-H315

SPECIFICATIONS:

Assay (G.C.)	98 %
Melting range	104-105°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,05 %
Residue on ignition (as SO_4)	0,1 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
122365.1209	250 g	6

Pyrocatechol, 98% PS

$C_6H_6O_2$

M: 110,11 CAS: 120-80-9 EINECS: 204-427-5 NC: 2907 29 00

Signal Word: Warning



H312-H302-H319-H315

SPECIFICATIONS:

Assay (G.C.)	98 %
Melting range	104-105°C

Order code	Package	Units/Box st.
152365.1208	100 g	6
152365.1210	500 g	6

Pyrocatechol Violet PA

for complexometry

$C_{19}H_{14}O_7S$

M: 386,38 CAS: 115-41-3 EINECS: 204-088-3 NC: 3204 19 00

Identity	IR p/t.
λ of max. ABS in H_2O	440-446 nm
A 1%, 1 cm, λmax	≥430
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 80°C	15 %
Residue on ignition (as SO_4)	1 %

Order code	Package	Units/Box st.
122643.1604	5 g	6

Pyrogallic Acid (Reag. Ph. Eur.) PA-ACS

$C_6H_3(OH)_3$

M: 126,11 CAS: 87-66-1 EINECS: 201-762-9 NC: 2907 29 00

Signal Word: Warning



H332-H312-H302-H341-H412

SPECIFICATIONS:

Minimum assay (G.C)	99 %
Identity	IR p/t.
Melting range	131,0-135,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Residue on ignition (as SO_4)	0,005 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
Cu	0,0005 %
Fe	0,001 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131050.1608	100 g	6

Pyrogallic Acid, 99% PS

$C_6H_3(OH)_3$

M: 126,11 CAS: 87-66-1 EINECS: 201-762-9 NC: 2907 29 00

Signal Word: Warning



H332-H312-H302-H341-H412

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151050.1608	100 g	6
151050.1610	500 g	6

Pyrogallol

(see Pyrogallic Acid)

Pyrogallol Red PA

for complexometry

$C_{19}H_{12}O_8S$

M: 400,36 CAS: 85531-30-2 EINECS: 251-134-3 NC: 2932 29 85

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in Pyridine/H_2O	540-546 nm
A 1%, 1 cm, λmax	≥850
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C	5 %
Residue on ignition (as SO_4)	1 %

Order code	Package	Units/Box st.
122639.1603	1 g	6

Pyrrodiazol Sodium Salt

(see 1,2,4-Triazole Sodium Salt)

Pyrrole, 98% PS

C_4H_5N

M: 67,09 CAS: 109-97-7 EINECS: 203-724-7 NC: 2933 39 99 UN: 1992

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H301

1l~0,967kg 1kg~1,034l

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A259.1608	100 ml	6
15A259.1610	500 ml	6

2-Pyrrolecarbaldehyde

(see Pyrrole-2-Carboxaldehyde)

Pyrrole-2-Carboxaldehyde, 98% PS

C_5H_5NO

M: 95,10 CAS: 1003-29-8 EINECS: 213-705-5 NC: 2933 99 90

SPECIFICATIONS:

Assay	98 %
Identity	IR p/t.

Order code	Package	Units/Box st.
15B195.1606	25 g	6
15B195.1608	100 g	6

Pyrrolidine, 99% PS

C_4H_9N

M: 71,12 CAS: 123-75-1 EINECS: 204-648-7 NC: 2933 99 90 UN: 1922

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H302-H314

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Minimum assay	99 %
Identity	IR p/t.
Density at 20/4	0,862-0,865
Water (H_2O)	0,3 %

Order code	Package	Units/Box st.
15B037.1609	250 ml	6

2-Pyrrolidinecarboxylic Acid

(see Proline)

1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt PA

$C_5H_{12}N_2S_2$

M: 164,29 CAS: 5108-96-3 EINECS: 225-834-4 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,1 %
Heavy metals (as Pb)	0,001 %
Fe	0,001 %

Order code	Package	Units/Box st.
123405.1605	10 g	6

Pyruvic Acid, 98% PS

$CH_3COCOOH$

M: 88,06 CAS: 127-17-3 EINECS: 204-824-3 NC: 2918 30 00 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,267kg 1kg~0,789l

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A915.1608	100 ml	6
15A915.1610	500 ml	6

Pyruvic Acid Sodium Salt

(see Sodium Pyruvate)

Quinaldine Red PA

pH indicator and for titrations in non aqueous medium 1,4 colourless; 3,2 red

$C_{21}H_{23}IN_2$

M: 430,32 CAS: 117-92-0 EINECS: 204-221-5 NC: 2933 49 90

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in CH_3COOH ..... 528-533 nm
A 1%, 1 cm, λmax. (calc. a.d.s.) ..... >1150
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 5 %

Order code	Package	Units/Box st.
122849.1604	5 g	6

5-Quinolinamine

(see 5-Aminoquinoline)

Quinoline, 96% PS

C_9H_7N

M: 129,16 CAS: 91-22-5 EINECS: 202-051-6 NC: 2933 49 90 UN: 2656
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H350-H312-H302-H319-H315-H341-H411

1l~1,093kg 1kg~0,915l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 96 %
Identity ..... IR p/t.
Density at 20/4 1,092-1,096

Order code	Package	Units/Box st.
15A862.1611	1000 ml	6

8-Quinolinol

(see 8-Hydroxyquinoline)

Quinone

(see 1,4-Benzoquinona)

Raney Nickel Alloy

(see Nickel-Aluminium Alloy)

Reagent for organic halogens

(see Sodium Biphenyl)

Reagent of heavy metals A RE

NC: 3822 00 00
Signal Word: Warning



H319-H335-H315

1l~1,074kg 1kg~0,931l

SPECIFICATIONS:

Suitability as heavy metals reagent ..... p/t.

Order code	Package	Units/Box st.
176418.1209	250 ml	6

Reagent of heavy metals B RE

NC: 3822 00 00
Signal Word: Warning



EUH031-H319-H335-H315-H411

SPECIFICATIONS:

1l~1,190kg 1kg~0,840l

Suitability as heavy metals reagent ..... p/t.

Order code	Package	Units/Box st.
176419.1258	60 ml	6

Rebelein's Kit VINIKIT

for determination of reducing sugar, according to Rebelein method

NC: 3822 00 00 UN: 3316
IMDG: 9/III ADR: 9/III IATA: 9/- PAX: 915 CAO: 915
Signal Word: Danger



H314-H411

Comprised of:

624582 Cupric Solution 0,168 mol/l ..... (1x500 ml)
624573 Alkaline Solution (Potassium Sodium Tartrate) 0,886 mol/l ..... (1x250 ml)
624572 Potassium Iodide solution 30% w/v ..... (1x500 ml)
624570 Sulphuric Acid solution 16% v/v ..... (1x500 ml)
624576 Sodium Thiosulphate 0,0551 mol/l (0,0551N) ..... (1x1000 ml)
624567 Starch solution 2% ..... (1x500 ml)
211835 Pumice Stone granules ..... (1x5 g)

Order code	Package	Units/Box st.
624901.0922	pack	6

REDOX STANDARDS

(see Standards Redox)

Red Primary Solution (BP, Ph. Eur.) PA

for determination of the coloration grade in liquids.

NC: 3822 00 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Danger



H350i-H302-H334-H317-H411

1l~1,035kg 1kg~0,966l

SPECIFICATIONS:

Assay (as $CoCl_2.6H_2O$) ..... 59,4-59,6 g/l
Density at 20/4 1,030-1,035

Order code	Package	Units/Box st.
125416.1208	100 ml	6

Reinecke Salt (Reag. USP, Ph. Eur.) PA-ACS

$NH_4[Cr(SCN)_4(NH_3)_2].H_2O$

M: 354,42 CAS: 13573-16-5 EINECS: 237-003-3 NC: 2842 90 80 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350i-H332-H312-H302-EUH029-EUH032-H317-H410

SPECIFICATIONS:

Minimum assay ..... 93,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble in HCl dil. ..... 0,05 %
Sensitivity to choline chloride ..... p/t.

Order code	Package	Units/Box st.
134220.1605	10 g	6
134220.1606	25 g	6

Resazurin PA

pH indicator 5,0 pink; 7,0 blue violet

$C_{12}H_6NNaO_4$

M: 251,17 CAS: 62758-13-8 EINECS: 263-718-5 NC: 3204 13 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,002 mol/l ..... 597-602 nm
A 1%, 1 cm, λmax ..... >1625
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
pink 5,0
blue-violet 7,0
Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
121591.1604	5 g	6

Resazurin DC

for microscopy, sterility test

$C_{12}H_6NNaO_4$

M: 251,17 CAS: 62758-13-8 EINECS: 263-718-5 NC: 3204 13 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,002 mol/l ..... 597-602 nm
A 1%, 1 cm, λmax ..... >1625
Ratio λmax. P±15 nm 1,15-1,25
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
251591.1604	5 g	6

Resazurin tablets of 0,25 g RE

for analysis of milk
NC: 3822 00 00
Composition:
Resazurin ..... 0,84 %
Polyethylene Glycol 6000 ..... 2 %
Sodium Chloride ..... 97,16 %

Order code	Package	Units/Box st.	
174602.1206	25 g	6	(*)

Resorcinol PA

$C_6H_6O_2$
M: 110,11 CAS: 108-46-3 EINECS: 203-585-2 NC: 2907 21 00 UN: 2876
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H302-H319-H315-H400

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 110-112°C
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,05 %
Acidity (as HCl) ..... 0,004 %
Alkalinity (as NaOH) ..... 0,004 %
Diresorcinol and Phenol ..... p/t.

Order code	Package	Units/Box st.
121603.1208	100 g	6
121603.1210	500 g	6

Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_6O_2$
M: 110,11 CAS: 108-46-3 EINECS: 203-585-2 NC: 2907 21 00 UN: 2876
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H302-H319-H315-H400

SPECIFICATIONS:
Assay (calc. a.d.s.) 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 109-111°C
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,01 %
Loss on drying ..... 1,0 %
Residue on ignition (as SO_4) ..... 0,05 %
Ordinary impurities (T.L.C.) ..... 0,5 %
Organic volatile impurities ..... p/t.
Acidity or alkalinity ..... p/t.
Phenol ..... p/t.
Pyrocatechol ..... p/t.
Residual metals ICP : (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141603.1208	100 g	6
141603.1209	250 g	6
141603.0914	5 kg	
141603.0416	25 kg	

Resorcinol, 99% PS

$C_6H_6O_2$
M: 110,11 CAS: 108-46-3 EINECS: 203-585-2 NC: 2907 21 00 UN: 2876
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning


H302-H319-H315-H400

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 110-112°C

Order code	Package	Units/Box st.
161603.1209	250 g	6
161603.1211	1000 g	6

α-Resorcylic Acid

(see 3,5-Dihydroxybenzoic Acid)

Reticulin Kit DC

for reticulin fibres staining
NC: 3822 00 00
Comprised of:
1x25ml Reticulin Kit Reagent A
1x25ml Reticulin Kit Reagent B
1x25ml Reticulin Kit Reagent C
1x25ml Reticulin Kit Reagent D
1x25ml Reticulin Kit Reagent E
1x25ml Reticulin Kit Reagent F
1x25ml Reticulin Kit Reagent G
1 instructions sheet

Order code	Package	Units/Box st.
255115.0922	pack	6

RHENIUM SOLUTIONS

(see Standards for ICP)

Rhodamine B (C.I. 45170) PA

Sb reagent
$C_{28}H_{31}ClN_2O_3$
M: 479,02 CAS: 81-88-9 EINECS: 201-383-9 NC: 3204 13 00
Signal Word: Danger


H302-H318

SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 550-554 nm
A 1%, 1cm, λmax. (calc. a.d.s.) ..... >2100
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C ..... 15 %

Order code	Package	Units/Box st.
121604.1606	25 g	6
121604.1608	100 g	6

Rhodamine B (C.I. 45170) DC

for microscopy, fluorescent staining
$C_{28}H_{31}ClN_2O_3$
M: 479,02 CAS: 81-88-9 EINECS: 201-383-9 NC: 3204 13 00
Signal Word: Danger


H302-H318

SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 550-554 nm
A 1%, 1cm, λmax (calc. a.d.s.) ..... >2100
Ratio λmax, P ± 15 nm 1,10-1,37
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C ..... 5 %

Order code	Package	Units/Box st.
251604.1606	25 g	6
251604.1608	100 g	6

Rhodamine B in ethanol absolute, TLC developer RE

$C_{28}H_{31}ClN_2O_3$
M: 479,02 CAS: 81-88-9 NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225

1l~0,787kg 1kg~1,271l
Composition:
Rhodamine B ..... 0,1 g
Ethanol absolute s.q.m ..... 100 ml

Order code	Package	Units/Box st.
174249.1608	100 ml	6

RHODIUM SOLUTIONS

(see Standards for ICP)

Rochelle Salt

(see Potassium Sodium Tartrate 4-hydrate)

Rosaniline Chloride

(see Fuchsin Basic)

(*) 1000 tablets of 0,25 g

Rose Bengal (C.I. 45440) DC

for microscopy
$C_{20}H_2Cl_4I_4Na_2O_5$

M: 1017,65 CAS: 632-69-9 EINECS: 211-183-3 NC: 3212 90 90

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 542-548 nm
A 1%, 1 cm, λmax. ..... >600
Ratio λmax. P ± 15 nm 1,21-1,95
T.L.C. ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
253893.1606	25 g	6
253893.1608	100 g	6

Rosolic Acid (C.I. 43800) PA

pH indicator 6,8 yellow; 8,0 red
$(C_6H_4OH)_2CC_6H_4O$

M: 290,32 CAS: 603-45-2 EINECS: 210-041-8 NC: 3212 90 90

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in NaOH 0,1 mol/l ..... 524-528 nm
A 1%, 1 cm, λmax ..... >1250
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 135°C ..... 5 %
Residue on ignition (as SO_4) ..... 0,5 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
121051.1605	10 g	6
121051.1606	25 g	6
121051.1607	50 g	6

Rubeanic Acid PRS

$(CSNH_2)_2$

M: 120,20 CAS: 79-40-3 EINECS: 201-203-9 NC: 2930 90 85

SPECIFICATIONS:

Insoluble matter in C_2H_5OH ..... p/t.
Residue on ignition (as SO_4) ..... 0,5 %
Sensitivity to Ni and Cu ..... p/t.

Order code	Package	Units/Box st.
141053.1604	5 g	6

RUBIDIUM SOLUTIONS

(see Standards for ICP)

Rubin Acid

(see Fuchsin Acid)

RUTHENIUM SOLUTIONS

(see Standards for ICP)

Saccharose PA-ACS

$C_{12}H_{22}O_{11}$

M: 342,30 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Specific rotation $[\alpha]^{25}/D$ c=26 (in H_2O) ..... +66,3 to +66,8°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 105°C ..... 0,03 %
Residue on ignition (as SO_4) ..... 0,01 %
Acidity ..... 0,0008 meq/g
Inverted sugar ..... 0,05 %
Nitrogen compounds (as N) ..... 0,001 %
Chloride (Cl) ..... 0,002 %
Sulphate and Sulphite (as SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Fe 5	Pt 5
Au 5	Ga 5	Sb 5
B 5	Ge 5	Si 10
Ba 5	In 5	Sn 5
Be 5	K 50	Sr 5
Bi 5	Mg 20	Ti 5
Ca 50	Mn 5	Tl 5
Cd 5	Mo 5	V 5
Co 5	Na 50	Zn 5
Cr 5	Ni 5	Zr 5
Cu 5	Pb 0,5	

Order code	Package	Units/Box st.
131621.1210	500 g	6
131621.1211	1000 g	6
131621.0914	5 kg	4
131621.0416	25 kg	

Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX

$C_{12}H_{22}O_{11}$

M: 342,30 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{25}/D$ c=26 (in H_2O) a.d.s (USP) ..... > +65,9°
Specific rotation $[\alpha]^{20}/D$ c=26 (in H_2O) ..... +66,3 a +67,0°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Specific conductance at 20°C ..... $35x10^{-6}ohm^{-1}cm^{-1}$
Loss on drying at 105°C ..... 0,1 %
Residue on ignition (as SO_4) ..... 0,02 %
Acidity or alkalinity ..... p/t.
Dextrin ..... p/t.
Reducing sugars ..... p/t.
Inverted sugar ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Colour value 45
Chloride (Cl) ..... 0,0035 %
Sulphate (SO_4) ..... 0,006 %
Sulphite (SO_2) ..... 0,0010 %
Heavy metals (as Pb) ..... 0,0005 %
Ba ..... p/t.
Ca ..... p/t.
Fe ..... 0,0005 %
Pb ..... 0,00005 %

Order code	Package	Units/Box st.
141621.1211	1000 g	6
141621.0914	5 kg	4
141621.0416	25 kg	

SACCHAROSE SOLUTIONS

Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT

for refractometers calibration
$C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

Comprised of:
624867 Saccharose solution 14,9% w/w (3x10ml)
624868 Saccharose solution 19,4% w/w (3x10ml)
625241 Saccharose solution 23,8% w/w (3x10ml)

Order code	Package	Units/Box st.
625484.2122	3 x 3 x 10 ml	6

Saccharose solution 14,9% w/w VINIKIT

for refractometers calibration
$C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

1l~1,059kg 1kg~0,944l

Order code	Package	Units/Box st.
624867.1211	1000 ml	6

Saccharose solution 19,4% w/w VINIKIT

for refractometers calibration
$C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

1l~1,079kg 1kg~0,927l

Order code	Package	Units/Box st.
624868.1211	1000 ml	6

Saccharose solution 23,8% w/w VINIKIT

for refractometers calibration
$C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

1l~1,099kg 1kg~0,910l

Order code	Package	Units/Box st.
625241.1211	1000 ml	6

Safranine O (C.I. 50240) DC

for microscopy, nucleus staining, according to Gram
$C_{20}H_{19}ClN_4$

M: 350,85 CAS: 477-73-6 EINECS: 207-518-8 NC: 3204 13 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in C_2H_5OH 50% ..... 530-534 nm
A 1%, 1 cm, λmax ..... >875
Ratio λmax. P ± 15 nm 1,10-1,32
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C ..... 15 %

Order code	Package	Units/Box st.
251622.1605	10 g	6
251622.1607	50 g	6

SAFRANINE O SOLUTIONS

Safranine O solution 0,2% DC

for microscopy, nucleus staining, according to Gram

$C_{20}H_{19}ClN_4$

M: 350,85 CAS: 477-73-6 EINECS: 207-518-8 NC: 3204 13 00

1l~0,997kg 1kg~1,003l

Composition:

Safranine O.....0,2 g
Water s.q.m.....100 ml

Order code	Package	Units/Box st.
251623.1208	100 ml	6

Safranine O solution according to Gram-Hucker DC

for microscopy, nucleus staining according to Hucker (see also Kit for Staining Gram-Hucker)

NC: 3204 13 00

1l~0,990kg 1kg~1,010l

Composition:

Safranine O.....0,25 g
Ethanol absolute.....10 ml
Water s.q.m.....100 ml

Order code	Package	Units/Box st.
252531.1208	100 ml	6
252531.1209	250 ml	6
252531.1211	1000 ml	6

Safranine O solution 1% DC

for microscopy, nucleus staining according to Gram

$C_{20}H_{19}ClN_4$

M: 350,85 CAS: 477-73-6 EINECS: 207-518-8 NC: 3204 13 00

1l~0,998kg 1kg~1,002l

Composition:

Safranine O.....1 g
Water s.q.m.....100 ml

Order code	Package	Units/Box st.
252533.1208	100 ml	6

Safranine T

(see Safranine O)

Salicylamide (USP) PRS-CODEX

$C_7H_7NO_2$

M: 137,14 CAS: 65-45-2 EINECS: 200-609-3 NC: 2924 29 95

Signal Word: Warning

H302

SPECIFICATIONS:

Assay calc. a.d.s.....99-101 %
Identity according to Pharmacopoeias.....p/t.
Melting range.....139-142°C
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4).....0,1 %
Water (H_2O).....0,5 %
Residual solvents (Ph.Eur./USP).....p/t
Heavy metals (as Pb).....0,001 %
Cu.....0,001 %
Fe.....0,001 %
Ni.....0,001 %
Pb.....0,001 %

Order code	Package	Units/Box st.
141624.1209	250 g	6
141624.1210	500 g	6

Salicylic Acid PA-ACS

$C_6H_4(OH)COOH$

M: 138,12 CAS: 69-72-7 EINECS: 200-712-3 NC: 2918 21 00

Signal Word: Warning

H302-H319

SPECIFICATIONS:

Minimum assay (HPLC).....99,0 %
Identity.....IR p/t.
Melting range.....159-161,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH.....p/t.
Residue on ignition (as SO_4).....0,01 %
Darkened substances by H_2SO_4.....p/t.
Chloride (Cl).....0,001 %
Sulphate (SO_4).....0,003 %
Heavy metals (as Pb).....0,0005 %
Ca.....0,001 %
Cd.....0,0005 %
Co.....0,0005 %
Cr.....0,0005 %
Cu.....0,0002 %
Fe.....0,0002 %
K.....0,005 %
Mg.....0,0005 %
Mn.....0,0005 %
Na.....0,05 %
Ni.....0,0002 %
Pb.....0,0002 %
Zn.....0,0005 %

Order code	Package	Units/Box st.
131045.1208	100 g	6
131045.1211	1000 g	6

Salicylic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_4(OH)COOH$

M: 138,12 CAS: 69-72-7 EINECS: 200-712-3 NC: 2918 21 00

Signal Word: Warning

H302-H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.....99,5-100,5 %
Identity according to Pharmacopoeias.....p/t.
Melting range.....159-161°C
T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....p/t.
Insoluble matter in C_2H_5OH.....p/t.
Loss on drying.....0,5 %
Residue on ignition (as SO_4).....0,05 %
Residual solvents (Ph.Eur./USP).....p/t.
Darkened substances by H_2SO_4.....p/t.
Related substances (HPLC).....0,2 %
Chloride (Cl).....0,01 %
Sulphate (SO_4).....0,02 %
Heavy metals (as Pb).....0,002 %
Cu.....0,0005 %
Fe.....0,0005 %
Ni.....0,0005 %
Pb.....0,0005 %

Order code	Package	Units/Box st.
141045.1210	500 g	6
141045.1211	1000 g	6
141045.0914	5 kg	
141045.0416	25 kg	

Salicylic Acid, 99% PS

$C_6H_4(OH)COOH$

M: 138,12 CAS: 69-72-7 EINECS: 200-712-3 NC: 2918 21 00

Signal Word: Warning

H302-H319

SPECIFICATIONS:

Assay.....99 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
151045.1208	100 g	6
151045.1210	500 g	6

Salicylic Acid Methyl Ester

(see Methyl Salicylate)

Salicylic Acid Sodium Salt

(see Sodium Salicylate)

SAMARIUM SOLUTIONS

(see Standards for ICP)

SCANDIUM SOLUTIONS

(see Standards for ICP)

Schiff's Reagent DC

NC: 3822 00 00

1l~1,010kg 1kg~0,990l

Composition:

Pararosaniline ..... 0,1 g
Sodium Sulphite solution 10% ..... 10 ml
Hydrochloric Acid 35% ..... 3 ml
Water ..... 50 ml

Order code	Package	Units/Box st.
251588.1609	250 ml	6
251588.1611	1000 ml	6

Schiff's Reagent RE

for determination of aldehydes

NC: 3822 00 00

1l~1,010kg 1kg~0,990l

Composition:

Pararosaniline ..... 0,1 g
Sodium Sulphite solution 10% ..... 10 ml
Hydrochloric Acid 35% ..... 3 ml
Water ..... 50 ml

Order code	Package	Units/Box st.
171588.1609	250 ml	6
171588.1611	1000 ml	6

Schlesinger's Reagent DC

for determination of urobilin

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,812kg 1kg~1,231l

Composition:

Zinc Acetate 2-hydrate ..... 10 g
Water ..... 4 ml
Ethanol absolute ..... 96 ml

Order code	Package	Units/Box st.
251589.1609	250 ml	6

Sea Sand washed, thick grain QP

SiO_2

M: 60,09 CAS: 14808-60-7 EINECS: 238-878-4 NC: 2505 10 00

SPECIFICATIONS:

Soluble matter in HCl ..... 0,2 %
Loss on drying ..... 0,2 %
Chloride (Cl) ..... 0,015 %
Particle size ..... 1-2 mm

Order code	Package	Units/Box st.
211161.1210	500 g	6
211161.1211	1000 g	6
211161.1214	5 kg	4
211161.0416	25 kg	

Sea Sand washed, thin grain QP

SiO_2

M: 60,09 CAS: 14808-60-7 EINECS: 238-878-4 NC: 2505 10 00

SPECIFICATIONS:

Soluble matter in HCl ..... 0,2 %
Loss on drying ..... 0,2 %
Chloride (Cl) ..... 0,015 %
Particle size ..... 0,25-0,30 mm

Order code	Package	Units/Box st.
211160.1210	500 g	6
211160.1211	1000 g	6
211160.1214	5 kg	4
211160.0416	25 kg	

Seignette Salt

(see Potassium Sodium Tartrate 4-hydrate)

Selenium metal powder PRS

Se

M: 78,96 CAS: 7782-49-2 EINECS: 231-957-4 NC: 2804 90 00

Signal Word: Danger



H331-H301-H373-H413

SPECIFICATIONS:

Assay (Redox) ..... 99 %
Residue on ignition ..... 0,5 %
Nitrogen compounds (as N) ..... 0,01 %
Sulphur compounds (as S) ..... 0,05 %
Cu ..... 0,01 %
Fe ..... 0,05 %
Ni ..... 0,01 %
Pb ..... 0,05 %

Order code	Package	Units/Box st.
141625.1207	50 g	6
141625.1208	100 g	6
141625.1210	500 g	6

SELENIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Selenium Dioxide

(see Selenium(IV) Oxide)

Selenium(IV) Oxide, 97% PS

SeO_2

M: 110,96 CAS: 7446-08-4 EINECS: 231-194-7 NC: 2811 29 90 UN: 3283

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H373-H410

SPECIFICATIONS:

Assay (Iodom.) ..... 97 %

Order code	Package	Units/Box st.
152832.1208	100 g	6
152832.1210	500 g	6

Selenium Reactive Mixture

(see Kjeldahl Catalyst (Cu-Se))

Semicarbazide Hydrochloride PA

CH_6ClN_3O

M: 111,53 CAS: 563-41-7 EINECS: 209-247-0 NC: 2928 00 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 174-177°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,02 %
Loss on drying at 120°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,05 %
Hydrazine (N_2H_4) ..... 0,01 %
Sulphate (SO_4) ..... 0,05 %
Ca ..... 0,005 %
Cd ..... 0,001 %
Co ..... 0,001 %
Cr ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... 0,005 %
Mg ..... 0,005 %
Mn ..... 0,001 %
Na ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %
Zn ..... 0,005 %

Order code	Package	Units/Box st.
122764.1208	100 g	6

Semicarbazide Hydrochloride, 99% PS

CH_6ClN_3O

M: 111,53 CAS: 563-41-7 EINECS: 209-247-0 NC: 2928 00 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 174-177°C

Order code	Package	Units/Box st.
162764.1208	100 g	6
162764.1210	500 g	6

L-Serine (USP, BP, Ph. Eur.) PRS-CODEX

$C_3H_7NO_3$

M: 105,09 CAS: 56-45-1 EINECS: 200-274-3 NC: 2922 50 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. ..... 98,5-101,0 %
Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{25}$/D c=10 (in HCl 2M) ..... +14,0 to +15,6°
Specific rotation $[\alpha]^{20}$/D c=10 (in HCl 2M) calc. a.d.s. ..... +14,0 to +16,0°
T.L.C. ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,0010 %
Fe ..... 0,001 %

Order code	Package	Units/Box st.
14B099.1208	100 g	6

L-Serine, 99% PS

$C_3H_7NO_3$

M: 105,09 CAS: 56-45-1 EINECS: 200-274-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15B099.1606	25 g	6
15B099.1608	100 g	6
15B099.1610	500 g	6

Silan-Sterol-1 CG

for derivatization (GC)

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H319-H315

1l~0,940kg 1kg~1,064l

Composition:
Hexamethyldisilazane ..... 300 ml
Pyridine dry ..... 900 ml
Trimethylchlorosilane ..... 100 ml

Order code	Package	Units/Box st.
355650.0922	20 x 1 ml	6

Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity
(24 hrs at 80% relative humidity) ..... 27 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 150°C ..... 2,0 %
Blue colour ..... activated
Pink colour ..... worn out (regenerate)

Order code	Package	Units/Box st.
131335.1211	1000 g	6
131335.0914	5 kg	

Silica Gel 3-6 mm with indicator (with cobalt chloride) QP

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity
(24 hrs at 80% relative humidity) ..... 22 %
Blue colour ..... activated
Pink colour ..... worn out (regenerate)

Order code	Package	Units/Box st.
211335.1210	500 g	6
211335.1211	1000 g	6
211335.0914	5 kg	4
211335.0416	25 kg	

Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

SPECIFICATIONS:

Minimum water absorption capacity
(24 hrs at 80% relative humidity) ..... 27 %

MAXIMUM LIMIT OF IMPURITIES

Amber colour ..... activated
Light yellow colour ..... worn out (regenerate)

Order code	Package	Units/Box st.
135571.1210	500 g	6
135571.1211	1000 g	6
135571.0914	5 kg	
135571.0416	25 kg	

Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity
(24 hrs at 80% relative humidity) ..... 27 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 150°C ..... 2,0 %
Blue colour ..... activated
Pink colour ..... worn out (regenerate)

Order code	Package	Units/Box st.
132921.1210	500 g	6
132921.1211	1000 g	6

Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity
(24 hrs at 80% relative humidity) ..... 22 %
Blue colour ..... activated
Pink colour ..... worn out (regenerate)

Order code	Package	Units/Box st.
212921.1210	500 g	6
212921.1211	1000 g	6
212921.0914	5 kg	4
212921.0416	25 kg	

Silica Gel 60, 40-63 microns RE

for chromatography in column

CAS: 112926-00-8 EINECS 231-545-4 RTECS: VV 8850000

VLA-ED: 10 mg/m³

SPECIFICATIONS:

pH of 10% aqueous suspension 6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 800°C ..... 10 %
Granular size:
Less than 25 µm ..... 15 %
More than 71 µm ..... 7 %
Fe ..... 0,005 %

Order code	Package	Units/Box st.
176448.1211	1000 g	6
176448.0914	5 Kg	
176448.0416	25 Kg	

Silica Gel 60, 63-200 microns RE

for chromatography in column

CAS: 112926-00-8 NC: 2811 22 00

SPECIFICATIONS:

pH of 10% aqueous suspension 5,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 800°C ..... 10 %
Granular size:
Less than 63 µm ..... 7 %
More than 200 µm ..... 12 %
Fe ..... 0,005 %

Order code	Package	Units/Box st.
174275.1211	1000 g	6
174275.0914	5 Kg	1
174275.0416	25 Kg	1

Siliceous Earth purified and calcined (USP-NF) PRS-CODEX

CAS: 91053-39-3 EINECS: 293-303-4 NC: 2512 00 00

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 980°C ..... 2,0 %
Loss on drying at 105°C ..... 0,5 %
Soluble matter in H_2O ..... 0,2 %
Soluble matter in HCl ..... 2,0 %
Non siliceous substances ..... 25 %
Leachable As ..... 0,001 %
Leachable Pb ..... 0,001 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
142475.1211	1000 g P	6
142475.0914	5 kg	4
142475.0416	25 kg	

Siliceous Earth purified and calcined (F.C.C.) ADITIO

CAS: 91053-39-3 EINECS: 293-303-4 NC: 2512 00 00

SPECIFICATIONS:

Loss on ignition (on the dried basis), not more than ..... 0,5 %
Loss on drying, not more than ..... 3,0 %
Non siliceous substances (cal. on the dried basis), not more than ..... 25,0 %
Arsenic (as As), not more than ..... 10 ppm
Lead, not more than ..... 10 ppm
pH 8,0-11,0
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202475.0914	5 kg PP	
202475.0416	25 kg	

Siliceous Earth purified and calcined QP

CAS: 91053-39-3 EINECS: 293-303-4 NC: 2512 00 00

SPECIFICATIONS:

pH of 10% solution 5-10
Soluble matter in HCl ..... 2 %
Chloride (Cl) ..... 0,01 %
Heavy metals (as Pb) ..... 0,005 %
Leachable Fe ..... 0,04 %

Order code	Package	Units/Box st.
212475.1211	1000 g P	6
212475.0914	5 kg	4
212475.0416	25 kg	

SILICON SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Silicone antifoaming liquid (AQ) QP

for distillation of aqueous products

NC: 3910 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Identity ..... IR p/t.

Order code	Package	Units/Box st.
216241.1208	100 ml P	6
216241.1209	250 ml P	6
216241.1210	500 ml P	6
216241.1214	5 l P	4

Silicone antifoaming liquid (ORG) QP

for distillation of organic products

NC: 3910 00 00

1l~0,97kg 1kg~1,03l

SPECIFICATIONS:

Identity ..... IR p/t.

Order code	Package	Units/Box st.
211628.1208	100 ml P	6
211628.1209	250 ml P	6
211628.1210	500 ml P	6
211628.1214	5 l P	4

Silicone heat resistant liquid QP

for heater bath

NC: 3910 00 00

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:

Identity ..... IR p/t.

Order code	Package	Units/Box st.
211629.1208	100 ml P	6
211629.1209	250 ml P	6
211629.1210	500 ml P	6
211629.1214	5 l P	4

Silicone paste A QP

for greasing at high temperatures

NC: 3910 00 00

SPECIFICATIONS:

Identity ..... IR p/t.

Order code	Package	Units/Box st.
211630.1207	50 g P	6
211630.1208	100 g P	6

Silicone paste B QP

for greasing at pressure and vacuum. For use at pressures down to 10^{-6} mm Hg.

NC: 3910 00 00

SPECIFICATIONS:

Identity ..... IR p/t.

Order code	Package	Units/Box st.
211631.1207	50 g P	6
211631.1208	100 g P	6

Silvan

(see 2-Methylfuran)

SILVER SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Silver Acetate PRS

$C_2H_3AgO_2$

M: 166,91 CAS: 563-63-3 EINECS: 209-254-9 NC: 2843 29 00

SPECIFICATIONS:

Assay (Arg.) ..... 98 %
Insoluble matter in HNO_3 and chloride ..... 0,05 %
Non-precipitated by HCl ..... 0,5 %

Order code	Package	Units/Box st.
141851.1606	25 g	6
141851.1608	100 g	6

Silver Carbonate PRS

Ag_2CO_3

M: 275,75 CAS: 534-16-7 EINECS: 208-590-3 NC: 2843 29 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

SPECIFICATIONS:

Assay (Arg.) ..... 99 %
Insoluble matter in HNO_3 ..... 0,05 %
Non-precipitated by HCl ..... 0,5 %
Alkaline carbonates (as Na_2CO_3) ..... 0,1 %
Sulphate (SO_4) ..... 0,01 %
Fe ..... 0,001 %

Order code	Package	Units/Box st.
141800.1606	25 g	6

Silver Chloride PRS

AgCl

M: 143,32 CAS: 7783-90-6 EINECS: 232-033-3 NC: 2843 29 00

SPECIFICATIONS:

Assay ..... 99 %
Insoluble matter in NH_4OH ..... 0,05 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141802.1606	25 g	6
141802.1608	100 g	6

Silver Cyanide PRS

AgCN

M: 133,90 CAS: 506-64-9 EINECS: 208-048-6 NC: 2843 29 00 UN: 1684
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Arg.) ..... 98 %
Insoluble matter in NaCN ..... p/t.
Cu ..... 0,003 %
Fe ..... 0,005 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141894.1606	25 g	6

Silver Diethyldithiocarbamate (Reag. USP, Ph. Eur.) PA-ACS

$C_5H_{10}AgNS_2$

M: 256,14 CAS: 1470-61-7 EINECS: 216-003-7 NC: 2843 29 00

SPECIFICATIONS:

Minimum assay (Arg) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_5H_5N ..... p/t.

Sensitivity to As ..... p/t.

Order code	Package	Units/Box st.
132382.1604	5 g	6
132382.1606	25 g	6

Silver Iodide PA

AgI

M: 234,77 CAS: 7783-96-2 EINECS: 232-038-0 NC: 2843 29 00

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in KSCN ..... 0,05 %

Soluble matter in water ..... 0,25 %

Nitrate (NO_3) ..... 0,005 %

Cu ..... 0,003 %

Fe ..... 0,001 %

Ni ..... 0,003 %

Pb ..... 0,003 %

Order code	Package	Units/Box st.
121947.1606	25 g	6

Silver Nitrate EQP-ACS-ISO

Primary Chemical Matter

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1493

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H314-H410

SPECIFICATIONS:

Assay (Arg.)(after drying with H_2SO_4) 99,95-100,05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,003 %

Insoluble matter in C_2H_5OH ..... p/t.

Non-precipit. subst. by HCl ..... 0,01 %

Acidity ..... p/t.

Chloride (Cl) ..... 0,0005 %

Sulphate (SO_4) ..... 0,002 %

Bi ..... 0,0005 %

Ca ..... 0,001 %

Cu ..... 0,0002 %

Fe ..... 0,0002 %

Mg ..... 0,001 %

K ..... 0,01 %

Na ..... 0,002 %

Pb ..... 0,001 %

Order code	Package	Units/Box st.
241459.1521	10 x 1,5 g	6
241459.1608	100 g	6

Silver Nitrate PA-ACS-ISO

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1493

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H314-H410

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,003 %

Insoluble matter in C_2H_5OH ..... p/t.

Non-precipitated substances by HCl ..... 0,01 %

Acidity ..... p/t.

Chloride (Cl) ..... 0,0005 %

Sulphate (SO_4) ..... 0,002 %

Metals by ICP [mg/Kg (ppm)]

Bi 5	Ge 5	Ni 5
Ca 10	In 5	Pb 10
Co 5	K 100	Sr 5
Cu 2	Mg 10	V 5
Fe 2	Mn 5	Zr 5
Ga 5	Na 20	

Order code	Package	Units/Box st.
131459.1606	25 g	6
131459.1608	100 g	6
131459.1609	250 g	6
131459.1611	1000 g	6

Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1493

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H314-H410

SPECIFICATIONS:

Assay (Arg.) 99,8-100,5%

Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.

Insoluble matter in H_2O ..... 0,005 %

Residual solvents (Ph.Eur./USP) ..... p/t

Acidity or alkalinity ..... p/t.

Chloride (Cl) ..... 0,001 %

Sulphate (SO_4) ..... 0,002 %

Foreign salts ..... 0,02 %

Al, Pb, Cu and Bi ..... p/t.

Cu ..... 0,0005 %

Fe ..... 0,0005 %

Pb ..... 0,001 %

Order code	Package	Units/Box st.
141459.1606	25 g	6
141459.1608	100 g	6
141459.1609	250 g	6
141459.1611	1000 g	6

SILVER NITRATE SOLUTIONS

Silver Nitrate solution 0,5% w/v RE

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

H412

1l~1,004kg 1kg~0,996l

Composition:

Silver Nitrate ..... 0,51 g

Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
171460.1609	250 ml	6

Silver Nitrate solution 2% w/v RE

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

H412

1l~1,014kg 1kg~0,986l

Composition:

Silver Nitrate ..... 2,1 g

Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
171462.1609	250 ml	6

Silver Nitrate volumetric solution 2,9067% RV

for determination of chloride.1 ml corresponds to 6,074 mg of Cl

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l~1,024kg 1kg~0,977l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
281463.1609	250 ml	6

Silver Nitrate 0,01 mol/l (0,01N) SV

Indicator: Potassium Chromate

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
182564.1211	1000 ml	6

Silver Nitrate 0,02 mol/l (0,02N) SV

Indicator: Potassium Chromate

$AgNO_3$

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

CE: 047-001-00-2

1l~1,004kg 1kg~0,996l

SPECIFICATIONS:

Titer ..... 1,000 ±0,001

Order code	Package	Units/Box st.
181465.1211	1000 ml	6

S

Silver Nitrate 0,05 mol/l (0,05N) SV

Indicator: Potassium Chromate
$AgNO_3$
M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00
CE: 047-001-00-2
1l~1,008kg 1kg~0,992l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182115.1211	1000 ml	6

Silver Nitrate 0,1 mol/l (0,1N) SV

Indicator: Potassium Chromate
$AgNO_3$
M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00
CE: 047-001-00-2
1l~1,012kg 1kg~0,988l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181464.1610	500 ml	6
181464.1211	1000 ml	6
181464.1212	2,5 l	4
181464.1315	10 l	(*)

Silver Nitrate 0,1 mol (16,987g $AgNO_3$) to prepare 1l of 0,1N solution SVc

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314-H411

SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303117.1920	1 ampoule	6

Silver Nitrate 1 mol/l (1N) SV

Indicator: Potassium Chromate
$AgNO_3$
M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Danger


H314-H410

1l~1,138kg 1kg~0,879l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182116.1610	500 ml	6
182116.1211	1000 ml	6

Silver(I) Oxide PRS

Ag_2O
M: 231,74 CAS: 20667-12-3 EINECS: 243-957-1 NC: 2843 29 00 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger


H272-H318-EUH044

SPECIFICATIONS:
Assay (Arg.) a.d.s..... 98 %
Insoluble matter in HNO_3..... 0,05 %
Loss on drying at 120°C..... 1 %
Non-precipitated substances by HCl..... 0,1 %

Order code	Package	Units/Box st.
141933.1606	25 g	6
141933.1608	100 g	6

Silver Sulphate PA-ACS

Ag_2SO_4
M: 311,83 CAS: 10294-26-5 EINECS: 233-653-7 NC: 2843 29 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
SPECIFICATIONS:
Minimum assay (Arg)..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,02 %
Non-precipitated substances by HCl (as SO_4)..... 0,03 %
Suitability for COD determination according to UNE 77-004-89 ..... p/t.
Chloride (Cl)..... 0,001 %
Nitrate (NO_3)..... 0,001 %
Ca..... 0,002 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cu..... 0,0005 %
Fe..... 0,001 %
K..... 0,005 %
Mg..... 0,002 %
Na..... 0,005 %
Ni..... 0,0005 %
Pb..... 0,0005 %
Zn..... 0,0005 %

Order code	Package	Units/Box st.
131801.1606	25 g	6
131801.1608	100 g	6
131801.1609	250 g	6

Silver Sulphate PRS

Ag_2SO_4
M: 311,83 CAS: 10294-26-5 EINECS: 233-653-7 NC: 2843 29 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
SPECIFICATIONS:
Assay (Arg.)..... 99 %
Chloride (Cl)..... 0,003 %
Fe..... 0,005 %
Pb..... 0,002 %

Order code	Package	Units/Box st.
141801.1606	25 g	6
141801.1608	100 g	6
141801.1609	250 g	6

SILVER SULPHATE SOLUTIONS

Silver Sulphate solution 6,6 g/l in sulphuric acid RV

for determination of COD
Ag_2SO_4
M: 311,83 NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~1,84 kg 1kg~0,54l
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
Suitability for COD determinations..... p/t.

Order code	Package	Units/Box st.
282922.1611	1000 ml	6
282922.1612	2,5 l	4

Silver Sulphate solution 10 g/l in sulphuric acid RV

for determination of COD according to Norme Française NFT 90-101
Ag_2SO_4
M: 311,83 NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~1,84kg 1kg~0,54l
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
Suitability for COD determinations..... p/t.

Order code	Package	Units/Box st.
283098.1611	1000 ml	6
283098.1612	2,5 l	4

(*) Sol-Pack pack with tap

Silver Sulphate solution 80 g/l in sulphuric acid RV

for determination of COD according to DIN 38 409-H
Ag_2SO_4
M: 311,83 NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314
1l~1,895kg 1kg~0,528l
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
Suitability for COD determinations ..... p/t.

Order code	Package	Units/Box st.
284291.1611	1000 ml	6

Slaked lime

(see Calcium Hydroxide)

Soda Lime with indicator QP

granules
CAS: 8006-28-8 NC: 3822 00 00 UN: 1907
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H314
SPECIFICATIONS:
Absorption capacity of CO_2 ..... ≥20 %
Loss on drying at 200°C ..... 18 %
Cream colour ..... activated
Blue-violet colour ..... worn out (dispose)

Order code	Package	Units/Box st.
212778.1210	500 g	6
212778.1211	1000 g	6
212778.0914	5 kg	
212778.0416	25 kg	

Sodium metal, sticks (Reag. Ph. Eur.) PA-ACS

Na
M: 22,99 CAS: 7440-23-5 EINECS: 231-132-9 NC: 2805 11 00 UN: 1428
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



EUH014-H260-H314
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
Nitrogen compounds (as N) ..... 0,0005 %
Chloride (Cl) ..... 0,002 %
Phosphate (PO_4) ..... 0,0005 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
Ba ..... 0,0005 %
Ca ..... 0,05 %
Fe ..... 0,001 %
K ..... 0,05 %
Li ..... 0,002 %

Order code	Package	Units/Box st.
131699.0308	100 g	6
131699.0310	500 g	6

Sodium metal, sticks PRS

Na
M: 22,99 CAS: 7440-23-5 EINECS: 231-132-9 NC: 2805 11 00 UN: 1428
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



EUH014-H260-H314
SPECIFICATIONS:
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Fe ..... 0,005 %

Order code	Package	Units/Box st.
141699.0308	100 g	6
141699.0310	500 g	6

Sodium, 99% metal, sticks in vaseline oil PS

Na
M: 22,99 CAS: 7440-23-5 EINECS: 231-132-9 NC: 2805 11 00 UN: 1428
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



EUH014-H260-H314
SPECIFICATIONS:
Minimum assay (Acidim.) ..... 99 %

Order code	Package	Units/Box st.
15A865.1608	100 g	6

SODIUM SOLUTIONS

(see Standards for Atomic Absorption, ICP and Ionic Chromatography)

Sodium Acetate anhydrous (Reag. Ph. Eur.) PA-ACS

CH_3COONa
M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00
SPECIFICATIONS:
Minimum assay (Perchl. Ac.) ..... 99,0 %
pH of 5% solution 7,5-9,2
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 120°C ..... 1,0 %
Chloride (Cl) ..... 0,002 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,003 %
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,001 %
Al ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,002 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,02 %
Mg ..... 0,001 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131633.1210	500 g	6
131633.1211	1000 g	6
131633.0914	5 kg	4
131633.0416	25 kg	

Sodium Acetate anhydrous (USP) PRS-CODEX

CH_3COONa
M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00
SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 3% solution 7,5-9,2
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,05 %
Loss on drying at 120°C ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %
Ammonium (NH_4) ..... 0,005 %
Calcium and Magnesium (as Ca) ..... p/t.
Heavy metals (as Pb) ..... 0,001 %
Al ..... 0,00002 %
As ..... 0,00005 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu. Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141633.1210	500 g	6
141633.1211	1000 g	6
141633.0914	5 kg	
141633.0416	25 kg	

Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO

CH_3COONa
M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00
SPECIFICATIONS:
Assay (as $C_2H_3O_2Na$) after drying 99,0-101,0%
pH of 1% solution 8,0-9,5
Alkalinity (as Na_2CO_3), not more than ..... 0,2 %
Arsenic (as As), not more than ..... 3 ppm
Loss on drying, not more than ..... 1,0 %
Potassium compounds ..... p/t.
Formic acid, formates and other oxidizable impurities (as HCOOH), not more than ..... 0,1 %
Lead, not more than ..... 2 ppm
Heavy metals (as Pb), not more than ..... 10 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201633.0914	5 kg	
201633.0416	25 kg	

Sodium Acetate 3-hydrate PA-ACS-ISO

$CH_3COONa.3H_2O$

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.).....99,0-101,0%
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,005 %
Reducing substances to $KMnO_4$ (as HCOOH). ..... 0,005 %
Chloride (Cl)..... 0,0005 %
Nitrogen compounds (as N) ..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
As ..... 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	3	Fe	3	Ni	5
Al	5	Ge	3	Pb	5
B	3	Hg	3	Si	3
Ba	3	In	3	Sr	3
Be	3	K	50	Ti	3
Ca	10	Li	3	V	3
Cd	5	Mg	5	Zn	5
Co	5	Mn	3	Zr	3
Cu	5	Mo	3		

Order code	Package	Units/Box st.
131632.1210	500 g P	6
131632.1211	1000 g P	6
131632.1214	5 kg P	4
131632.0416	25 kg PP	

Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$CH_3COONa.3H_2O$

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.) (calc. a.a.s.).....99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O..... 0,005 %
Loss on drying at 130°C.....39,0-40,5 %
Residual solvents (Ph.Eur./USP)..... p/t
Reducing substances..... p/t.
Chloride (Cl)..... 0,005 %
Nitrogen compounds (as N) ..... 0,005 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,003 %
Calcium and magnesium (as Ca)..... 0,005 %
Heavy metals (as Pb)..... 0,0006 %
Al ..... 0,00002 %
As ..... 0,00005 %
Cu ..... 0,001 %
Fe..... 0,001 %
K ..... p/t.

Order code	Package	Units/Box st.
141632.1210	500 g P	6
141632.1211	1000 g P	6
141632.1214	5 kg P	4
141632.0416	25 kg PP	

Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO

$CH_3COONa.3H_2O$

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (as $C_2H_3O_2Na$) after drying.....99,0-101,0%
pH of 1% solution 8,0-9,5
Alkalinity (as Na_2CO_3), not more than ..... 0,05 %
Arsenic (as As), not more than ..... 3 ppm
Loss on drying.....36,0-41,0 %
Potassium compounds ..... p/t.
Formic acid, formates and other oxidizable impurities
(as HCOOH), not more than ..... 0,1 %
Lead, not more than ..... 2 ppm
Heavy metals (as Pb), not more than ..... 10 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201632.1214	5 kg P	4
201632.0416	25 kg PP	

Sodium Acetate 3-hydrate QP

$CH_3COONa.3H_2O$

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.)..... 99 %
pH of 5% solution 7,5-9,2
Chloride (Cl)..... 0,01 %
Sulphate (SO_4) ..... 0,01 %

Order code	Package	Units/Box st.
211632.1214	5 kg P	4
211632.0416	25 kg PP	

SODIUM ACETATE SOLUTIONS

Sodium Acetate 0,1 mol/l (0,1M) RV

CH_3COONa

M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00

1l~1,003kg 1kg~0,997l

SPECIFICATIONS:

Titer .....1,0 ±0,1

Order code	Package	Units/Box st.
282298.1211	1000 ml P	6

Sodium Acetate 0,1 mol/l (0,1N) in acetic acid SV

NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314

1l~1,053kg 1kg~0,950l

SPECIFICATIONS:

Titer .....1,000±0,005

Order code	Package	Units/Box st.
183706.1610	500 ml	6

Sodium Acetate 1 mol/l (1M) RV

CH_3COONa

M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00

1l~1,040kg 1kg~0,962l

Composition:
Sodium Acetate 3-hydrate .....13,7 g
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
281634.1211	1000 ml P	6

Sodium Alizarinsulphonate

(see Alizarin Red S)

Sodium and Ammonium Hydrogen Phosphate

(see Ammonium Sodium Hydrogen Phosphate)

Sodium and Potassium Tartrate

(see Potassium Sodium Tartrate 4-hydrate)

di-Sodium Arsenate

(see di-Sodium Hydrogen Arsenate 7-hydrate)

Sodium Arsenate di-Basic

(see di-Sodium Hydrogen Arsenate 7-hydrate)

Sodium meta-Arsenite PA

$NaAsO_2$

M: 129,91 CAS: 7784-46-5 EINECS: 232-070-5 NC: 2842 90 80 UN: 2027

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,01 %
Chloride (Cl)..... 0,01 %
Sulphate (SO_4) ..... 0,05 %
Cu ..... 0,05 %
Ni ..... 0,05 %
Pb ..... 0,05 %
Sb ..... 0,05 %

Order code	Package	Units/Box st.
121636.1210	500 g P	6
121636.1214	5 kg P	4
121636.0716	25 kg P	

Sodium meta-Arsenite PRS

$NaAsO_2$

M: 129,91 CAS: 7784-46-5 EINECS: 232-070-5 NC: 2842 90 80 UN: 2027
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Assay (Iodom.)	97 %
Chloride (Cl)	0,05 %
Cu	0,1 %
Ni	0,1 %
Pb	0,1 %

Order code	Package	Units/Box st.
141636.1210	500 g	6
141636.1214	5 kg	4
141636.0716	25 kg	

Sodium meta-Arsenite 0,05 mol/l (0,1N) SV

Indicator: Starch
$NaAsO_2$

M: 129,91 CAS: 7784-46-5 EINECS: 232-070-5 NC: 2842 90 80 UN: 1686
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H331-H301-H412

1l~1,013kg 1kg~0,987l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181152.1611	1000 ml	6

Sodium L(+)-Ascorbate (USP) PRS-CODEX

$C_6H_7NaO_6$

M: 198,11 CAS: 134-03-2 EINECS: 205-126-1 NC: 2936 27 00

SPECIFICATIONS:

Assay (Iodom.) calc. a.d.s	99,0-101,0 %
Identity according to Pharmacopoeias	p/t.
Specific rotation $[\alpha]^{20}/D$ c=10 (in H_2O) calc. a.d.s.	+103 to +108°
pH of 10% solution	7,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 60°C	0,25 %
Residual solvents (Ph.Eur./USP)	p/t.
Heavy metals (as Pb)	0,002 %

Order code	Package	Units/Box st.
143865.1209	250 g	6
143865.1211	1000 g	6

Sodium L(+)-Ascorbate (E-301, F.C.C) ADITIO

$C_6H_7NaO_6$

M: 198,11 CAS: 134-03-2 EINECS: 205-126-1 NC: 2936 27 00

SPECIFICATIONS:

Assay (as $C_6H_7NaO_6$) a.d.s	99,0-101,0%
Arsenic (as As), not more than	3 ppm
Heavy metals (as Pb), not more than	0,001 %
Lead, not more than	2 ppm
Loss on drying, not more than	0,25 %
pH of 10% solution	6,5-8,0
Specific rotation $[\alpha]^{20}/D$	+103 to+106°
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6	

Order code	Package	Units/Box st.
203865.1214	5 kg	4

Sodium Azide (Reag. USP, Ph. Eur.) PA

NaN_3

M: 65,01 CAS: 26628-22-8 EINECS: 247-852-1 NC: 2850 00 50 UN: 1687
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Cerim.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,3 %
Loss on drying	0,1 %
Alkalinity (as NaOH)	0,1 %
Chloride (NaCl)	0,05 %

Order code	Package	Units/Box st.
122712.1608	100 g	6
122712.1609	250 g	6
122712.1611	1000 g	6
122712.1214	5 kg	4

Sodium Azide, 99% PS

NaN_3

M: 65,01 CAS: 26628-22-8 EINECS: 247-852-1 NC: 2850 00 50 UN: 1687
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99 %

Order code	Package	Units/Box st.
162712.1608	100 g	6
162712.1609	250 g	6
162712.1214	5 kg	4

Sodium Benzoate PA

C_6H_5COONa

M: 144,10 CAS: 532-32-1 EINECS: 208-534-8 NC: 2916 31 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	98,0 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	1,5 %
Acidity or alkalinity	p/t.
Chlorine compounds (as Cl)	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,02 %
As	0,0003 %
Cu	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121637.1210	500 g	6
121637.1211	1000 g	6
121637.0914	5 kg	4

Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C_6H_5COONa

M: 144,10 CAS: 532-32-1 EINECS: 208-534-8 NC: 2916 31 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s	99,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	1,5 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t.
Water (H_2O)	1,5 %
Halogenated compounds:	
Ionized Chlorine (Cl)	0,02 %
Total Chlorine (Cl)	0,03 %
Heavy metals (as Pb)	0,001 %
As	0,0003 %

Order code	Package	Units/Box st.
141637.1211	1000 g	6
141637.0914	5 kg	

Sodium Benzoate (E-211, F.C.C.) ADITIO

C_6H_5COONa

M: 144,10 CAS: 532-32-1 EINECS: 208-534-8 NC: 2916 31 00

SPECIFICATIONS:

Assay (as $C_7H_5O_2Na$) calc. on the dry basis	99,5-100,5%
Arsenic (as As), not more than	3 ppm
Loss on drying, not more than	1,5 %
Heavy metals (as Pb), not more than	10 ppm
Lead, not more than	2 ppm
Polycyclic acids	p/t.
Acidity and alkalinity	p/t.
Alkalinity (as NaOH), not more than	0,04 %
Easily oxidable substances	p/t.
Organic Chlorine (as monochlorobenz. acid), not more than	0,25 %
Water, not more than	1,5 %
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201637.0914	5 kg	
201637.0416	25 kg	

Sodium Bicarbonate

(see Sodium Hydrogen Carbonate)

Sodium Bioxide

(see Sodium Peroxide)

Sodium Biphenyl, Reagent for organic halogens (Reag. USP) PA

~1M in Diethylene Glycol Diethyl Ether
$(C_6H_5)_2Na$
M: 177,20 NC: 3822 00 00 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H226-H314

1l~1,100kg 1kg~0,909l
SPECIFICATIONS:
Suitability as a decomposition reagent for organic halogens ..... p/t.

Order code	Package	Units/Box st.
125565.0922	20 x 15 ml	6

Sodium Bismuthate (Reag. Ph. Eur.) PA

$NaBiO_3$
M: 279,97 CAS: 12232-99-4 EINECS: 235-455-6 NC: 2841 90 85
SPECIFICATIONS:
Minimum assay (Iodom.) ..... 85,0 %
MAXIMUM LIMIT OF IMPURITIES
Soluble peroxides (as O) ..... 0,008 %
Chloride (Cl) ..... 0,002 %
Nitrate (NO_3) ..... 0,004 %
Mn ..... 0,0005 %

Order code	Package	Units/Box st.
121639.1208	100 g	6
121639.1209	250 g	6
121639.1214	5 kg	4

Sodium Bisulphate

(see Sodium Hydrogen Sulphate)

Sodium Bisulphite

(see Sodium Hydrogen Sulphite sol. 40% w/v)

Sodium meta-Bisulphite

(see Sodium Disulphite)

Sodium Bitartrate

(see Sodium Hydrogen Tartrate)

Sodium Borate

(see di-Sodium tetra-Borate)

Sodium meta-Borate 4-hydrate PRS

$NaBO_2.4H_2O$
M: 137,86 CAS: 10555-76-7 EINECS: 231-891-6 NC: 2840 20 90
Signal Word: Warning


H319-H335-H315

SPECIFICATIONS:
Assay (Acidim.) ..... 97 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,02 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
143958.1210	500 g	6

di-Sodium tetra-Borate anhydrous PA

flux
$Na_2B_4O_7$
M: 201,22 CAS: 1330-43-4 EINECS: 215-540-4 NC: 2840 11 00
Signal Word: Danger


H360FD

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 98,0 %
MAXIMUM LIMIT OF IMPURITIES
Loss on melting ..... 2 %
Chloride (Cl) ..... 0,005 %
Fluoride (F) ..... 0,002 %
Phosphate (PO_4) ..... 0,002 %
Silicate (as SiO_2) ..... 0,05 %
Al ..... 0,002 %
Ca ..... 0,01 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,002 %
K ..... 0,005 %
Mg ..... 0,005 %
Mn ..... 0,0004 %
Ni ..... 0,0005 %
Pb ..... 0,002 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
123052.1209	250 g	6
123052.1214	5 kg	4

di-Sodium tetra-Borate anhydrous PRS

$Na_2B_4O_7$
M: 201,22 CAS: 1330-43-4 EINECS: 215-540-4 NC: 2840 11 00
Signal Word: Danger


H360FD

SPECIFICATIONS:
Assay (Acidim.) ..... 98 %
Insoluble matter in H_2O ..... 0,05 %
Chloride (Cl) ..... 0,05 %
Phosphate (PO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,005 %
Ca ..... 0,02 %
Cu ..... 0,005 %
Fe ..... 0,005 %
K ..... 0,05 %
Mg ..... 0,02 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
143052.1211	1000 g	6
143052.1214	5 kg	4

di-Sodium tetra-Borate 10-hydrate PA-ACS-ISO

$Na_2B_4O_7.10H_2O$
M: 381,37 CAS: 1303-96-4 EINECS: 215-540-4 NC: 2840 19 10
Signal Word: Danger


H360FD

SPECIFICATIONS:
Assay (Acidim.) 99,5-103,0%
pH of 0,01 mol/l solution 9,15-9,20
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Sulphate (SO_4) ..... 0,0025 %
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,002 %
Ni ..... 0,001 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
131644.1210	500 g	6
131644.1211	1000 g	6
131644.0914	5 kg	
131644.0416	25 kg	

di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$Na_2B_4O_7.10H_2O$

M: 381,37 CAS: 1303-96-4 EINECS: 215-540-4 NC: 2840 19 10

Signal Word: Danger



H360FD

SPECIFICATIONS:

Assay (Acidim.)	99,0-103,0%
Identity according to Pharmacopoeias	p/t.
pH of 4% solution	9,0-9,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Residual solvents (Ph.Eur./USP)	p/t
Carbonate and Hydrogen Carbonate	p/t.
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,001 %
Heavy metals (as Pb)	0,002 %
As	0,0005 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141644.1210	500 g (P)	6
141644.1211	1000 g (P)	6
141644.0914	5 kg (PP)	
141644.0416	25 kg (PP)	

di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT

$Na_2B_4O_7.10H_2O$

M: 381,37 CAS: 1303-96-4 EINECS: 215-540-4 NC: 2840 19 10

1l~1,025kg 1kg~0,975l

Composition:

di-Sodium tetra-Borate 10-hydrate	4,6 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
625388.1210	500 ml (P)	6

Sodium Borohydride (Reag. USP) PA

NaH_4B

M: 37,83 CAS: 16940-66-2 EINECS: 241-004-4 NC: 2850 00 20 UN: 1426

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



H261-H301-H314

SPECIFICATIONS:

Minimum assay (Iodom.)	96,0 %

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0,5 %
Sulphate (SO_4)	0,01 %

Metals by ICP [mg/Kg (ppm)]

As	0,5	Cr	10	Mn	10
Bi	5	Cu	10	Ni	10
Ca	200	Fe	10	Pb	10
Cd	10	Hg	0,5	Sb	0,5
Co	10	K	200	Se	0,5
				Zn	10

Order code	Package	Units/Box st.
123314.1606	25 g	6
123314.1608	100 g	6

Sodium Borohydride, 96% PS

NaH_4B

M: 37,83 CAS: 16940-66-2 EINECS: 241-004-4 NC: 2850 00 20 UN: 1426

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



H261-H301-H314

SPECIFICATIONS:

Minimum assay (Iodom.)	96 %

Order code	Package	Units/Box st.
163314.1606	25 g	6
163314.1608	100 g	6

Sodium Bromate PRS

$NaBrO_3$

M: 150,90 CAS: 7789-38-0 EINECS: 232-160-4 NC: 2829 90 40 UN: 1494

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H271-H319-H315

SPECIFICATIONS:

Assay (Iodom.)	99 %
pH of 5% solution	5,0-9,0
Insoluble matter in H_2O	0,025 %
Acidity (as HCl)	0,005 %
Alkalinity (as NaOH)	0,005 %
Nitrogen compounds (as N)	0,003 %
Bromide (Br)	0,05 %
Sulphate (SO_4)	0,05 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141645.1210	500 g (P)	6
141645.1211	1000 g (P)	6
141645.1214	5 kg (P)	4

Sodium Bromide (Reag. USP) PA-ACS

NaBr

M: 102,90 CAS: 7647-15-6 EINECS: 231-599-9 NC: 2827 51 00

SPECIFICATIONS:

Minimum assay (corrected) (Arg.)	99,0 %
pH of 5% solution	5,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,0005 %
Bromate (BrO_3)	0,001 %
Chloride (Cl)	0,2 %
Sulphate (SO_4)	0,002 %
Iodide (I)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,0002 %
Ba	0,002 %
Ca	0,002 %
Cu	0,0005 %
Fe	0,0003 %
K	0,1 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131646.1210	500 g (P)	6

Sodium Bromide PA

NaBr

M: 102,90 CAS: 7647-15-6 EINECS: 231-599-9 NC: 2827 51 00

SPECIFICATIONS:

Minimum assay (Arg.)	99 %
pH of 5% solution	5,0-8,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,005 %
Bromate (BrO_3)	p/t.
Chloride (Cl)	0,2 %
Sulphate (SO_4)	0,005 %
Iodide (I)	0,005 %
As	0,0002 %
Ba	0,005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,001 %
K	0,2 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121646.1210	500 g (P)	6
121646.1211	1000 g (P)	6
121646.1214	5 kg (P)	4

Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX

NaBr

M: 102,90 CAS: 7647-15-6 EINECS: 231-599-9 NC: 2827 51 00

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s. ..... 98,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 5,0-8,8

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 105°C ..... 3,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity or alkalinity ..... p/t.
Nitrogen compounds (as N) ..... 0,01 %
Bromate (BrO_3) ..... p/t.
Chloride (Cl) ..... 0,3 %
Sulphate (SO_4) ..... 0,01 %
Iodide (I) ..... p/t.
Magnesium and alkaline-earth metals (as Ca) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0002 %
Ba ..... p/t.
Ca ..... 0,005 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Mg ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141646.1210	500 g P	6
141646.1211	1000 g P	6
141646.1214	5 kg P	4

Sodium 1-Butanesulphonate

(see 1-Butane Sulphonic Acid Sodium Salt)

Sodium Cacodylate

(see Cacodylic Acid Sodium Salt 3-hydrate)

Sodium Carbonate anhydrous EQP-ACS-ISO

Primary Chemical Matter

Na_2CO_3

M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning

H319

SPECIFICATIONS:

Assay (Acidim) after dried at 120°C. 2 h 99,95-100,05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Reducing substances I_2 ..... 0,005 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphur compounds (as SO_4) ..... 0,003 %
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Silicate (as SiO_2) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
Al ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,002 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
241648.1521	10 x 1,5 g	6
241648.1608	100 g	6

Sodium Carbonate anhydrous (Reag. Ph. Eur.) PA-ACS-ISO

Na_2CO_3

M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.) after dried at 285°C ..... 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 285°C ..... 1,0 %
Reducing substances I_2 ..... 0,005 %
Nitrogen compounds (as N) ..... 0,001 %
Sulphur compounds (as SO_4) ..... 0,003 %
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,001 %
Silicate (as SiO_2) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
Al ..... 0,001 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,002 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
131648.1210	500 g P	6
131648.1211	1000 g P	6
131648.0914	5 kg PP	4
131648.0416	25 kg PP	

Sodium Carbonate anhydrous (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

Na_2CO_3

M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,5-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 300°C ..... 0,5 %
Nitrogen compounds (as N) ..... 0,005 %
Sulphate (SO_4) ..... 0,025 %
Alkaline hydroxides and hydrogen carbonates ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride (Cl) ..... 0,01 %
Phosphate (PO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0003 %
Ca ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... 0,05 %
Mg ..... 0,01 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141648.1210	500 g P	6
141648.1210	500 g P	6
141648.1211	1000 g P	6
141648.0914	5 kg PP	
141648.0416	25 kg PP	

Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO

Na_2CO_3

M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as Na_2CO_3) after drying 99,5-100,5%
Loss on drying, not more than ..... 1 %
Arsenic, not more than ..... 3 ppm
Mercury, not more than ..... 1 ppm
Lead, not more than ..... 4 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201648.0914	5 kg PP	
201648.0416	25 kg PP	

Sodium Carbonate 1-hydrate PA

$Na_2CO_3.H_2O$

M: 124,00 CAS: 5968-11-6 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.)	99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 150°C	13,0-15,0 %
Precipitated by NH_4OH	0,01 %
Reducing substances I_2 (as I)	0,005 %
Nitrogen compounds (as N)	0,001 %
Sulphur compounds (as SO_4)	0,004 %
Chloride (Cl)	0,002 %
Phosphate (PO_4)	0,0005 %
Silicate (as SiO_2)	0,005 %
Heavy metals (as Pb)	0,0005 %
Al	0,001 %
As	0,0001 %
Ca	0,01 %
Cu	0,0005 %
Fe	0,0005 %
K	0,02 %
Mg	0,01 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122032.1210	500 g P	6
122032.1211	1000 g P	6
122032.0416	25 kg PP	

Sodium Carbonate 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$Na_2CO_3.H_2O$

M: 124,00 CAS: 5968-11-6 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s.	99,5-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Loss on drying at 105°C	12,0-15,0 %
Nitrogen compounds (as N)	0,005 %
Alkaline hydroxides and hydrogen carbonates	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,01 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,025 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,05 %
Cu	0,001 %
Fe	0,001 %
K	0,05 %
Mg	0,02 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142032.1210	500 g P	6
142032.1211	1000 g P	6
142032.0914	5 kg PP	
142032.0416	25 kg PP	

Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO

$Na_2CO_3.H_2O$

M: 124,00 CAS: 5968-11-6 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as Na_2CO_3) after drying	99,5-100,5%
Loss on drying	12,0-15,0 %
Arsenic, not more than	3 ppm
Lead, not more than	4 ppm
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202032.0914	5 kg PP	
202032.0416	25 kg PP	

Sodium Carbonate 10-hydrate PA-ISO

$Na_2CO_3.10H_2O$

M: 286,14 CAS: 6132-02-1 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.)	99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Precipitated by NH_4OH	0,01 %
Reducing substances I_2	0,005 %
Nitrogen compounds (as N)	0,0005 %
Sulphur compounds (as SO_4)	0,003 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Silicate (as SiO_2)	0,003 %
Heavy metals (as Pb)	0,0005 %
Al	0,0005 %
As	0,0001 %
Ca	0,003 %
Cu	0,0005 %
Fe	0,0003 %
K	0,005 %
Mg	0,0003 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131647.1210	500 g P	6
131647.1211	1000 g P	6
131647.0914	5 kg PP	4
131647.0416	25 kg PP	

Sodium Carbonate 10-hydrate PRS

$Na_2CO_3.10H_2O$

M: 286,14 CAS: 6132-02-1 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
Insoluble matter in H_2O	0,025 %
Nitrogen compounds (as N)	0,002 %
Sulphur compounds (as SO_4)	0,01 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,002 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
K	0,05 %
Mg	0,01 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141647.1210	500 g P	6
141647.1211	1000 g P	6
141647.0914	5 kg PP	
141647.0416	25 kg PP	

Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO

$Na_2CO_3.10H_2O$

M: 286,14 CAS: 6132-02-1 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as Na_2CO_3) after drying	99,5-100,5%
Loss on drying	55,0-65,0 %
Arsenic, not more than	3 ppm
Lead, not more than	4 ppm
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201647.0914	5 kg PP	
201647.0416	25 kg PP	

Sodium Carbonate 0,5 mol/l (1N) SV

Indicator: Bromophenol Blue

Na_2CO_3

M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00

1l~1,048kg 1kg~0,954l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181649.1211	1000 ml P	6

Sodium Carbonate-Potassium Carbonate

(see Potassium Carbonate-Sodium Carbonate anhydrous)

Sodium Carboxymethylcellulose

(see Carboxymethylcellulose Sodium Salt)

Sodium Chlorate PA-ACS

$NaClO_3$

M: 106,44 CAS: 7775-09-9 EINECS: 231-887-4 NC: 2829 11 00 UN: 1495
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512
Signal Word: Danger



H411-H271-H302

SPECIFICATIONS:

Minimum assay (Perm.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Bromate (BrO_3)	0,015 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cr	5	Ni	5
Al	5	Cu	5	Pb	3
As	0,5	Fe	5	Sr	5
Ba	5	K	100	Zn	5
Bi	5	Li	20	Zr	5
Ca	20	Mg	20		
Cd	5	Mn	5		
Co	5	Mo	5		

Order code	Package	Units/Box st.
131658.1210	500 g P	6
131658.1214	5 kg P	4

Sodium Chlorate PRS

$NaClO_3$

M: 106,44 CAS: 7775-09-9 EINECS: 231-887-4 NC: 2829 11 00 UN: 1495
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512
Signal Word: Danger



H411-H271-H302

SPECIFICATIONS:

Assay (Perm.)	99 %
Insoluble matter in H_2O	0,02 %
Nitrogen compounds (as N)	0,005 %
Bromate (BrO_3)	0,05 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %
Ca	0,01 %
Cu	0,001 %
Fe	0,002 %
Mg	0,01 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141658.1210	500 g P	6
141658.1211	1000 g P	6
141658.1214	5 kg P	4
141658.0416	25 kg PP	

Sodium Chloride EQP-ACS-ISO

Primary Chemical Matter
NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) after drying at 110°C	99,95-100,05%
pH of 5% solution	5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Bromide (Br)	0,01 %
Chlorate and nitrate (as NO_3)	0,003 %
Hexacyanoferrate(II) and (III) ($Fe(CN)_6$)	0,0001 %
Phosphate (PO_4)	0,0005 %
Sulphate (SO_4)	0,001 %
Iodide(I)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %
Ba	0,0005 %
Ca	0,002 %
Cu	0,0002 %
Fe	0,0002 %
K	0,005 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0002 %

Order code	Package	Units/Box st.
241659.1521	10 x 1,5 g	6
241659.1608	100 g	6

Sodium Chloride (max. 0,0000005% Hg) PA-ACS-ISO

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.)	99,5 %
pH of 5% solution	5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,001 %
Bromide (Br)	0,01 %
Chlorate and nitrate (as NO_3)	0,003 %
Hexacyanoferrate(II) and (III) ($Fe(CN)_6$)	0,0001 %
Phosphate (PO_4)	0,0005 %
Sulphate (SO_4)	0,001 %
Iodide(I)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %
Ba	0,0005 %
Ca	0,002 %
Cu	0,0002 %
Fe	0,0002 %
Hg	0,0000005 %
K	0,005 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0002 %

Order code	Package	Units/Box st.
471659.1209	250 g P	6

Sodium Chloride PA-ACS-ISO

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.)	99,5 %
pH of 5% solution	5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,001 %
Bromide (Br)	0,01 %
Chlorate and nitrate (as NO_3)	0,003 %
Hexacyanoferrate(II) and (III) ($Fe(CN)_6$)	0,0001 %
Phosphate (PO_4)	0,0005 %
Sulphate (SO_4)	0,001 %
Iodide(I)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %
Ba	0,0005 %
Ca	0,002 %
Cu	0,0002 %
Fe	0,0002 %
K	0,005 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0002 %

Order code	Package	Units/Box st.
131659.1210	500 g P	6
131659.1211	1000 g P	6
131659.1214	5 kg P	4
131659.0416	25 kg PP	

Sodium Chloride PA

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,002 %
Bromide (Br)	0,01 %
Chlorate and nitrate (as NO_3)	0,005 %
Hexacyanoferrate(II)	p/t.
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,02 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0002 %
K	0,01 %
Mg	0,002 %
Ni	0,0005 %
Pb	0,0002 %

Order code	Package	Units/Box st.
121659.1210	500 g P	6
121659.1211	1000 g P	6
121659.1214	5 kg P	4
121659.0416	25 kg PP	

Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity and alkalinity ..... p/t.
Nitrogen compounds (as N) ..... 0,005 %
Bromide (Br) ..... 0,005 %
Chlorate and nitrate (as NO_3) ..... 0,01 %
Hexacyanoferrate(II) ..... p/t.
Phosphate (PO_4) ..... 0,001 %
Nitrite (NO_2) ..... p/t.
Sulphate (SO_4) ..... 0,01 %
Iodide ..... p/t.
Calcium, Magnesium and alkaline-earth metals (as Ca) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
Al ..... 0,00002 %
As ..... 0,0001 %
Ba ..... p/t.
Fe ..... 0,0002 %
K ..... 0,05 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141659.1210	500 g (P)	6
141659.1211	1000 g (P)	6
141659.1214	5 kg (P)	4
141659.0416	25 kg (PP)	

Sodium Chloride (F.C.C.) ADITIO

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (as NaCl) after drying 99,0-100,5%
Appearance ..... p/t
Identity:
Chloride ..... p/t.
Sodium ..... p/t.
Arsenic (as As), not more than ..... 1 ppm
Calcium and Magnesium, not more than ..... 0,35 %
Heavy metals (as Pb), not more than ..... 2 ppm
Loss on drying, not more than ..... 0,5 %
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201659.1214	5 kg (P)	4
201659.0416	25 kg (PP)	

Sodium Chloride QP

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) ..... 99,0 %
Insoluble matter in H_2O ..... 0,05 %
As ..... 0,0001 %
Fe ..... 0,005 %

Order code	Package	Units/Box st.
211659.1214	5 kg (P)	4
211659.0416	25 kg (PP)	

Sodium Chloride ASTM B117-09 RE

for saline spray (fog)
NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Total impurities ..... 0,2 %
Halides (Bromide, Fluoride, Iodide) ..... 0,1 %
Anti-caking Agents ..... 0,0 %
Cu ..... 0,00003 %
Ni ..... 0,001 %
According to ASTM B117-09, equivalent to UNE-EN ISO 9227:2006

Order code	Package	Units/Box st.
171659.1211	1000 g (P)	6

Sodium Chloride coarse salt QP

for freezer mixtures
NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) ..... 98 %

Order code	Package	Units/Box st.
211939.1211	1000 g (P)	6
211939.1214	5 kg (P)	4
211939.0416	25 kg (PP)	

SODIUM CHLORIDE SOLUTIONS

Sodium Chloride 0,1 mol/l (0,1N) SV

Indicator: Potassium Chromate
NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10
1l~1,004kg 1kg~0,996l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
181661.1211	1000 ml (P)	6

Sodium Chloride 1 mol/l (1N) SV

Indicator: Potassium Chromate
NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 99
1l~1,037kg 1kg~0,964l

SPECIFICATIONS:

Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
184770.1211	1000 ml (P)	6

Sodium Chloride solution ASTM B117-09 RE

for saline spray (fog)
NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10
1l~1,035kg 1kg~0,966l

SPECIFICATIONS:

Assay (Arg.) ..... 4-6 %
pH at 23±3 /35°C 6,5-7,2

MAXIMUM LIMIT OF IMPURITIES

Total impurities ..... 0,3 %
Halures (Bromide, Fluoride, Iodide) ..... 0,1 %
Anti-caking agents ..... 0,0 %
Cu ..... 0,00003 %
Ni ..... 0,001 %
This product has been manufactured with Sodium Chloride and Water Type IV which passes the ASTM B117-09 and ASTM D1193-99 specifications, respectively.

Order code	Package	Units/Box st.
175305.1315	10 l (SP)	(*)

Sodium Chloride for deliming

(see DERQUIM Sodium Chloride)

Sodium Chlorite solution 25% w/w PS

$NaClO_2$

M: 90,44 CAS: 7758-19-2 EINECS: 231-836-6 NC: 2828 90 00 UN: 1908
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H332-H312-H302-EUH032
1l~1,21kg 1kg~0,82l

SPECIFICATIONS:

Minimum assay (Iodom) ..... 24 %*
*At the moment of the batch analysis

Order code	Package	Units/Box st.
161977.1211	1000 ml (P)	6

Sodium N-Chlorotoluene-4-Sulphonamide

(see Chloramine T 3-hydrate)

Sodium Cholate

(see Cholic Acid Sodium Salt)

(*) Sol-Pack pack with tap

Sodium Chromate PA

Na_2CrO_4

M: 161,97 CAS: 7775-11-3 EINECS: 231-889-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H340-H360FD-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
pH of 5% solution	8,6-9,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Alkalinity (as NaOH)	0,04 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,05 %
Al	0,003 %
Ca	0,005 %
Cu	0,001 %
Fe	0,002 %
K	0,02 %
Pb	0,005 %

Order code	Package	Units/Box st.
121664.1210	500 g P	6
121664.1211	1000 g P	6
121664.1214	5 kg P	4
121664.0416	25 kg PP	

Sodium Chromate 4-hydrate PRS

$Na_2CrO_4.4H_2O$

M: 234,03 CAS: 10034-82-9 EINECS: 231-889-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H350-H340-H360FD-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.)	99 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,02 %
Al	0,005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,002 %

Order code	Package	Units/Box st.
145224.1210	500 g P	6
145224.1211	1000 g P	6
145224.1214	5 kg P	4
145224.0416	25 kg PP	

Sodium Citrate

(see tri-Sodium Citrate)

Sodium Citrate mono-Basic

(see Sodium di-Hydrogen Citrate)

Sodium Citrate di-Basic

(see di-Sodium Hydrogen Citrate 1 ½-hydrate)

Sodium Citrate tri-Basic

(see tri-Sodium Citrate)

tri-Sodium Citrate 2-hydrate PA-ACS

$C_6H_5Na_3O_7.2H_2O$

M: 294,10 CAS: 6132-04-3 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
pH of 5% solution	7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Darkened substances by H_2SO_4	p/t.
Reducing substances	p/t.
Chloride (Cl)	0,003 %
Phosphate (PO_4)	0,001 %
Oxalate (C_2O_4)	0,01 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131655.1210	500 g P	6
131655.1211	1000 g P	6
131655.1214	5 kg P	4
131655.0416	25 kg PP	

tri-Sodium Citrate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_5Na_3O_7.2H_2O$

M: 294,10 CAS: 6132-04-3 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.a.s	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Residual solvents (Ph.Eur./USP)	p/t
Darkened substances by H_2SO_4	p/t.
Acidity or alkalinity	p/t.
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Oxalate (C_2O_4)	0,03 %
Sulphate (SO_4)	0,015 %
Tartrate	p/t.
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,001 %
Water (H_2O)	11,0-13,0 %
As	0,0001 %
Cu	0,0005 %
Fe	0,001 %
K	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141655.1210	500 g P	6
141655.1211	1000 g P	6
141655.1214	5 kg P	4
141655.0416	25 kg PP	

tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO

$C_6H_5Na_3O_7.2H_2O$

M: 294,10 CAS: 6132-04-3 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (as $C_6H_5Na_3O_7$) calc. after drying	99,0-100,5%
Appearance	p/t
Identity:	
Citrate	p/t.
Sodium	p/t.
Alkalinity	p/t.
Arsenic (as As), not more than	1 ppm
Water	10,0-13,0 %
Loss on drying, not more than	13,5 %
Oxalate (as oxalic acid) a.a.s., not more than	0,01 %
pH of 5%	7,5-9,0
Lead, not more than	1 ppm
Heavy metals (as Pb), not more than	5 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201655.1214	5 kg P	4
201655.0416	25 kg PP	

tri-Sodium Citrate 5,5-hydrate PA

$Na_3C_6H_5O_7.5,5H_2O$

M: 357,15 CAS: 6858-44-2 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
pH of 5% solution	8,0-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Darkened substances by H_2SO_4	p/t.
Reducing substances	p/t.
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,003 %
Oxalate (C_2O_4)	0,01 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,001 %
As	0,00004 %
Ca	0,005 %
Cu	0,00005 %
Fe	0,0002 %
K	0,01 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121656.1211	1000 g P	6
121656.0914	5 kg PP	
121656.0416	25 kg PP	

tri-Sodium Citrate 5,5-hydrate PRS

$Na_3C_6H_5O_7.5,5H_2O$

M: 357,15 CAS: 6858-44-2 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	98 %
pH of 5% solution	8,0-9,3
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,015 %
Ammonium (NH_4)	0,005 %
As	0,0001 %
Cu	0,0005 %
Fe	0,001 %
K	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141656.1211	1000 g P	6
141656.0914	5 kg PP	
141656.0416	25 kg PP	

tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO

$Na_3C_6H_5O_7.5,5H_2O$

M: 357,15 CAS: 6858-44-2 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (as $C_6H_5Na_3O_7$) after drying	99,0-100,5%
Alkalinity	p/t.
Arsenic (as As), not more than	1 ppm
Water	25-30 %
Loss on drying, not more than	30,3 %
Oxalate (as Oxalic Acid) a.a.s, not more than	0,01 %
pH of 5%	7,5-9,0
Lead, not more than	1 ppm
Heavy metals (as Pb), not more than	5 ppm
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/CE	

Order code	Package	Units/Box st.
201656.0914	5 kg PP	

Sodium Citrate solution 3,8% DC

for hematology, settling rate

CAS: 68-04-2 EINECS: 200-675-3 NC: 2918 15 00

1l~1,022kg 1kg~0,978l

Composition:

tri-Sodium Citrate 2-hydrate	3,8 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
251355.1210	500 ml P	6
251355.1211	1000 ml P	6

Sodium Cobaltinitrite

(see Sodium Hexanitrocobaltate(III))

Sodium Cobalt(III) Nitrite

(see Sodium Hexanitrocobaltate(III))

Sodium Cyanide PA-ACS

NaCN

M: 49,01 CAS: 143-33-9 EINECS: 205-599-4 NC: 2837 11 00 UN: 1689

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Arg.)	95,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,02 %
Phosphate (PO_4)	0,02 %
Total Iron (as Fe)	0,005 %
Sulphate (SO_4)	0,05 %
Sulphide (S)	0,003 %
Thiocyanate (SCN)	0,02 %
Cu	0,001 %
K	0,1 %
Pb	0,0005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131652.1209	250 g P	6
131652.1211	1000 g P	6

Sodium Cyanide PRS

NaCN

M: 49,01 CAS: 143-33-9 EINECS: 205-599-4 NC: 2837 11 00 UN: 1689

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Arg.)	95 %
Insoluble matter in H_2O	0,02 %
Chloride (Cl)	0,025 %
Phosphate (PO_4)	0,05 %
Total Iron (as Fe)	0,03 %
Sulphate (SO_4)	0,05 %
Sulphide (S)	0,005 %
Thiocyanate (SCN)	0,05 %
Cu	0,002 %
K	0,2 %
Pb	0,001 %
Zn	0,02 %

Order code	Package	Units/Box st.
141652.1209	250 g P	6
141652.1211	1000 g P	6
141652.1214	5 kg P	
141652.0716	25 kg P	

di-Sodium penta-Cyanonitrosylferrate(III)

(see Sodium Pentacyanonitrosoferrate(III) 2-hydrate)

Sodium Diacetate

(see Sodium Hydrogen di-Acetate)

Sodium Dichromate 2-hydrate (Reag. USP) PA-ACS

$Na_2Cr_2O_7.2H_2O$

M: 298,00 CAS: 7789-12-0 EINECS: 234-190-3 NC: 2841 30 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.)	99,5-100,5%
pH of 5% solution	3,6-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,01 %
Al	0,001 %
Ca	0,002 %
Cu	0,001 %
Fe	0,002 %
K	0,01 %
Mg	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
131666.1210	500 g P	6
131666.1211	1000 g P	6
131666.1214	5 kg P	4
131666.0416	25 kg PP	

Sodium Dichromate 2-hydrate PRS

$Na_2Cr_2O_7.2H_2O$

M: 298,00 CAS: 7789-12-0 EINECS: 234-190-3 NC: 2841 30 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.)	98,5 %
pH of 5% solution	3,5-3,9
Insoluble matter in H_2O	0,01 %
Loss on drying at 120°C	<12,5 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,1 %
Cu	0,002 %
Fe	0,005 %
Pb	0,01 %

Order code	Package	Units/Box st.
141666.1210	500 g P	6
141666.1211	1000 g P	6
141666.1214	5 kg P	4
141666.0416	25 kg PP	

Sodium 5,5-Diethylbarbiturate (Reag. USP, Ph. Eur.) PA

$C_8H_{11}N_2NaO_3$

M: 206,18 CAS: 144-02-5 EINECS: 205-613-9 NC: 2933 54 00

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay (Acidim.) calc. a.d.s ..... 98,5 %
Identity ..... IR p/t.
pH of 0,1 mol/l solution 9,0-10,7

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Loss on drying at 130°C ..... 1,0 %
Neutral and basic substances ..... p/t.
Heavy metals (as Pb) ..... 0,002 %

Order code	Package	Units/Box st.
121667.1208	100 g P	6
121667.1209	250 g P	6
121667.1211	1000 g P	6
121667.0914	5 kg PP	

Sodium 5,5-Diethylbarbiturate (Ph. Helv.) PRS-CODEX

$C_8H_{11}N_2NaO_3$

M: 206,18 CAS: 144-02-5 EINECS: 205-613-9 NC: 2933 54 00

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s 98,5-102,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 10% solution ..... <11,0
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 130°C ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Neutral and basic substances ..... p/t.
Heavy metals (as Pb) ..... 0,002 %

Order code	Package	Units/Box st.
141667.0914	5 kg PP	

Sodium Diethyldithiocarbamate 3-hydrate (Reag. Ph. Eur.) PA-ACS

$NaSCSN(C_2H_5)_2.3H_2O$

M: 225,31 CAS: 20624-25-3 EINECS: 205-710-6 NC: 2930 20 00

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 99,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as Na_2SO_4) ..... 30,5-32,5 %
Sensitivity to Cu ..... p/t.

Order code	Package	Units/Box st.
131668.1208	100 g P	6
131668.1209	250 g P	6

Sodium Dioxide

(see Sodium Peroxide)

Sodium Diphenyl

(see Sodium Biphenyl)

Sodium Diphenylamine-4-Sulphonate

(see 4-(Phenylamino) Benzenesulphonic Acid Sodium Salt)

Sodium Disulphite PA-ACS

$Na_2S_2O_5$

M: 190,10 CAS: 7681-57-4 EINECS: 231-673-0 NC: 2832 10 00

Signal Word: Danger

H302-EUH031-H318

SPECIFICATIONS:

Minimum assay (Iodom.) ..... 97,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,002 %
Thiosulphate (S_2O_3) ..... 0,05 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al	5	Ga	5	Si	5
Au	5	In	5	Sn	5
Ba	5	Mg	5	Sr	5
Bi	5	Mn	10	Ti	5
Cd	5	Mo	5	Tl	10
Co	5	Ni	10	V	5
Cr	10	Pb	10	Zn	10
Cu	10	Pt	5	Zr	5
Fe	10	Sb	5		

Order code	Package	Units/Box st.
131698.1210	500 g P	6
131698.1211	1000 g P	6
131698.1214	5 kg P	4
131698.0416	25 kg PP	

Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$Na_2S_2O_5$

M: 190,10 CAS: 7681-57-4 EINECS: 231-673-0 NC: 2832 10 00

Signal Word: Danger

H302-EUH031-H318

SPECIFICATIONS:

Assay (Iodom.)($Na_2S_2O_5$) 96,5-100,0%
Assay (Iodom.)(as SO_2) ..... 65,0-67,4 %
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 3,5-5,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride (Cl) ..... 0,02 %
Thiosulphate (S_2O_3) ..... 0,05 %
Thiosulphate (BP) ..... p/t.
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0003 %
Fe ..... 0,002 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141698.1210	500 g P	6
141698.1211	1000 g P	6
141698.1214	5 kg P	4
141698.0416	25 kg PP	

Sodium Disulphite (E-223, F.C.C.) ADITIO

$Na_2S_2O_5$

M: 190,10 CAS: 7681-57-4 EINECS: 231-673-0 NC: 2832 10 00

Signal Word: Danger

H302-EUH031-H318

SPECIFICATIONS:

Assay (as $Na_2S_2O_5$) 95,0-100,5%
Assay (as SO_2), not less than ..... 64,0 %
pH of 10% solution 4,0-5,5
Arsenic (as As), not more than ..... 3 ppm
Thiosulphate, not more than ..... 0,05 %
Heavy metals (as Pb), not more than ..... 0,001 %
Iron, not more than ..... 10 ppm
Selenium, not more than ..... 5 ppm
Lead, not more than ..... 2 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201698.1214	5 kg P	4
201698.0416	25 kg PP	

Sodium Dithionite QP

$Na_2S_2O_4$

M: 174,11 CAS: 7775-14-6 EINECS: 231-890-0 NC: 2831 10 00 UN: 1384
IMDG: 4.2/II ADR: 4.2/II IATA: 4.2/II PAX: 416 CAO: 418
Signal Word: Danger



EUH031-H251-H302

SPECIFICATIONS:

Assay (Iodom.)	85 %*
Insoluble matter in H_2O	p/t.
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
211685.1610	500 g	6
211685.1611	1000 g	6
211685.1214	5 kg	4
211685.0716	25 kg	

Sodium Dodecyl Sulphate (HPLC) PAI

for ion pair chromatography
$C_{12}H_{25}NaO_4S$

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay	99,0 %
C_{12} compounds minimum (G.C.)	99,0 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Water (H_2O)	1 %

UV Spectrum 3% aqueous sol.
(1 cm cell; Ref.: water)

λ (nm)	220	230	240	250-350
A (AU)	0,155	0,046	0,027	0,018
T (%)	70	90	94	96

Order code	Package	Units/Box st.
362363.1606	25 g	6

Sodium Dodecyl Sulphate PA-ACS

for determination of surfactants
$C_{12}H_{25}NaO_4S$

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay a.d.s.	99,0 %
Minimum C_{12} compounds (G.C.)	99 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	1,0 %
ABS λ220-350 nm. 3% sol. in H_2O	0,1
Alkalinity	0,06 meq/g
Unsulphated Alcohols	1 %
Water (H_2O)	1,0 %
Chloride (Cl)	0,05 %
Heavy metals (as Pb)	0,0005 %

Order code	Package	Units/Box st.
132363.1207	50 g	6
132363.1209	250 g	6
132363.0914	5 kg	

Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_{12}H_{25}NaO_4S$

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay	85,0 %
Total alcohols minimum	59,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Alkalinity	p/t.
Non-esterified alcohols	4,0 %
Sodium Chloride and Sodium Sulphate	8,0 %
Heavy metals (as Pb)	0,002 %
Residual solvents (Ph.Eur./USP)	p/t.

Order code	Package	Units/Box st.
142363.1209	250 g	6
142363.1211	1000 g	6
142363.0914	5 kg	
142363.0416	25 kg	

Sodium Dodecyl Sulphate (F.C.C.) ADITIO

$C_{12}H_{25}NaO_4S$

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90
Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Total Alcohols), not less than	59,0 %
Alkalinity (as NaOH), not more than	0,25 %
Combined Sodium Chloride and Sodium Sulphate, not more than	8,0 %
Lead, not more than	2 ppm
Unsulphated Alcohols, not more than	4,0 %

Specifications F.C.C. 6

Order code	Package	Units/Box st.
202363.0914	5 kg	

SODIUM DODECYL SULPHATE SOLUTIONS

Sodium Dodecyl Sulphate solution 10% w/v PRS

$C_{12}H_{25}NaO_4S$

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90
1l~1,012kg 1kg~0,988l

SPECIFICATIONS:

Assay (w/v)	9,8-10,2 %

Order code	Package	Units/Box st.
146132.1315	10 l	(*)

Sodium Dodecyl Sulphate 0,004 mol/l SV

for titration of cationic surfactants
$C_{12}H_{25}NaO_4S$

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90
1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182792.1211	1000 ml	6

Sodium Edetate

(see Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate)

(*) Sol-Pack pack with tap

Sodium Fluoride PA-ACS-ISO

NaF

M: 41,99 CAS: 7681-49-4 EINECS: 231-667-8 NC: 2826 19 10 UN: 1690
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H301-EUH032-H319-H315

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 150°C	0,2 %
Acidity	0,025 meq/g
Alkalinity	0,01 meq/g
Chloride (Cl)	0,002 %
Sodium fluorosilicate ($NaSiF_6$)	0,1 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,005 %
Sulphite (SO_3)	0,005 %
Heavy metals (as Pb)	0,001 %
Cu	0,0005 %
Fe	0,002 %
K	0,01 %
Ni	0,003 %
Pb	0,001 %

Order code	Package	Units/Box st.
131675.1210	500 g P	6
131675.1211	1000 g P	6
131675.0914	5 kg PP	
131675.0416	25 kg PP	

Sodium Fluoride (USP) PRS-CODEX

NaF

M: 41,99 CAS: 7681-49-4 EINECS: 231-667-8 NC: 2826 19 10 UN: 1690
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H301-EUH032-H319-H315

SPECIFICATIONS:

Assay (calc. a.d.s.)	98,5-102,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,025 %
Loss on drying at 150°C	0,5 %
Acidity or alkalinity	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,012 %
Sodium fluorosilicate ($NaSiF_6$)	p/t.
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,002 %
Cu	0,002 %
Fe	0,005 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141675.1210	500 g P	6
141675.1211	1000 g P	6
141675.0914	5 kg PP	
141675.0416	25 kg PP	

Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX

$CH_3NaO_3S.xH_2O$

M: 118,09(anh) CAS: 149-44-0 EINECS: 205-739-4 NC: 2831 10 00
Signal Word: Warning



H335

SPECIFICATIONS:

Assay (Iodom.) (as SO_2) calc. a.a.s.	45,5-54,5 %
Identity according to Pharmacopoeias	p/t.
pH of 2% solution	9,5-10,5

MAXIMUM LIMIT OF IMPURITIES

Clarity and appearance of solution	p/t.
Insoluble matter in H_2O	0,05 %
Loss on drying at 105°C	27,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Alkalinity	0,35 meq/g
Sodium sulphite (as Na_2SO_3) calc. a.a.s.	5,0 %
Sulphide	p/t.
Fe	0,0025 %
Pb	0,001 %

Order code	Package	Units/Box st.
143289.1209	250 g P	6
143289.1211	1000 g P	6
143289.1214	5 kg P	4

Sodium Formate (Reag. Ph. Eur.) PA-ACS

HCOONa

M: 68,01 CAS: 141-53-7 EINECS: 205-488-0 NC: 2915 12 00
Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
pH of 5% solution	7,0-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Acidity (as HCOOH)	0,05 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,005 %
Oxalate	p/t.
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,0005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,0005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131676.1210	500 g P	6
131676.1211	1000 g P	6
131676.0914	5 kg PP	
131676.0416	25 kg PP	

Sodium Formate PRS

HCOONa

M: 68,01 CAS: 141-53-7 EINECS: 205-488-0 NC: 2915 12 00
Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Iodom.)	98 %
pH of 5% solution	7,0-8,5
Insoluble matter in H_2O	0,025 %
Acidity (as HCOOH)	0,1 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,01 %
Sulphate (SO_4)	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141676.1210	500 g P	6
141676.1211	1000 g P	6
141676.0914	5 kg PP	
141676.0416	25 kg PP	

Sodium D-Gluconate (USP) PRS-CODEX

$C_6H_{11}NaO_7$

M: 218,14 CAS: 527-07-1 EINECS: 208-407-7 NC: 2918 16 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	98,0-102,0%
Identity according to Pharmacopoeias	p/t.
pH of 10% solution	6,8-7,5
Specific Rotation $[\alpha]^{20}/D$ c=10 (in H_2O)	+11,5 to +12,5°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	0,3 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,07 %
Sulphate (SO_4)	0,05 %
Reducing substances (as Glucose)	0,5 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Pb	0,001 %

Order code	Package	Units/Box st.
142983.1211	1000 g P	6
142983.0914	5 kg PP	
142983.0416	25 kg	

Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX

$NaCOOHCOONH_2CH(CH_2)_2.H_2O$

M: 187,13 CAS: 6106-04-3 EINECS: 205-538-1 NC: 2922 42 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in HCl 2 mol/l)	+24,8 to +25,3°
pH of 5% solution	6,7-7,2

MAXIMUM LIMIT OF IMPURITIES

Clarity and colour of solution	p/t.
Insoluble matter in H_2O	0,05 %
Loss on drying at 100°C	0,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,2 %
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,001 %
As	0,00015 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141683.1210	500 g	6
141683.0914	5 kg	

Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO

$NaCOOHCOONH_2CH(CH_2)_2.H_2O$

M: 187,13 CAS: 6106-04-3 EINECS: 205-538-1 NC: 2922 42 00

SPECIFICATIONS:

Assay (as $C_5H_8NNaO_4.H_2O$) calc. a.d.s	99,0-101,0 %
pH of 5% solution	6,7-7,2
Lead, not more than	2 ppm
Loss on drying, not more than	0,5 %
Chloride, not more than	0,2 %
Specific rotation $[\alpha]^{20}$/D calc. a.a.s	+24,8 to+25,3°
Insoluble matter in H_2O	p/t.
Carboxylic pyrrolidone acid, not more than	0,2 %
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201683.1211	1 kg	6
201683.0914	5 kg	

Sodium 1-Heptanesulphonate

(see 1-Heptane Sulphonic Acid Sodium Salt)

Sodium Hexafluorosilicate QP

Na_2SiF_6

M: 188,06 CAS: 16893-85-9 EINECS: 240-934-8 NC: 2826 90 80 UN: 2674

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H331-H311-H301

SPECIFICATIONS:

Assay	98 %
Loss on drying at 110°C	1 %

Order code	Package	Units/Box st.
212012.1214	5 kg	4

Sodium 1-Hexanesulphonate

(see 1-Hexane Sulphonic Acid Sodium Salt)

Sodium Hexanitrocobaltate(III) PA-ACS

$Na_3Co(NO_2)_6$

M: 403,94 CAS: 13600-98-1 EINECS: 237-077-7 NC: 2842 90 80 UN: 1479

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H350i-H272

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COOH dil	0,02 %
Suitability for K determination	p/t.
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Fe	0,0005 %
K	0,01 %

Order code	Package	Units/Box st.
131663.1208	100 g	6
131663.1209	250 g	6
131663.0914	5 kg	

Sodium Hexa meta-Phosphate

(see Sodium Polyphosphate)

Sodium Hydride 60% mineral oil dispersion PS

NaH

M.= 24,00 CAS [7646-69-7] EINECS 231-587-3 NC: 2850 00 20

Signal Word: Danger



H260

SPECIFICATIONS:

Minimum assay	60 %

Order code	Package	Units/Box st.
15A051.1608	100 g	6
15A051.1610	500 g	6

Sodium Hydrogen di-Acetate PRS

$C_4H_7NaO_4$

$CH_3COONaCH_3COOH$

M.= 142,07 CAS [126-96-5] EINECS 204-814-9 NC: 2915 29 00

E -262ii

SPECIFICATIONS:

Assay (Perchl. Ac.)	99-102 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,005 %
Cu	0,002 %
Fe	0,001 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141665.1211	1000g	6

Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO

$C_4H_7NaO_4$

$CH_3COONaCH_3COOH$

M.= 142,07 CAS [126-96-5] EINECS 204-814-9 NC: 2915 29 00

E -262ii

SPECIFICATIONS:

Assay (as CH_3COOH) calc. a.d.s	40,0-41,0 %
Assay (as CH_3COONa) calc. a.d.s	58,0-60,0 %
pH of 10% solution	4,5-5,0
Formic Acid, Formates and other oxidizable substances (as formic acid), not more than	0,1 %
Arsenic (as As), not more than	3 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	10 ppm
Water, not more than	2,0 %
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009	

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201665.0914	5 kg	

di-Sodium Hydrogen Arsenate 7-hydrate (Reag. Ph. Eur.) PA-ACS

$HAsNa_2O_4.7H_2O$

$Na_2HAsO_4.7H_2O$

M.= 312,01 CAS [10048-95-0] EINECS 231-902-4 NC: 2842 90 80

E.C.: 033-005-00-1 RTECS: CG 0900000

Signal Word: Danger



H350-H331-H301-H410

SPECIFICATIONS:

Assay	99,0-102,0%
pH of 5% solution	8,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Arsenite (as As_2O_3)	0,01 %
Chloride (Cl)	0,001 %
Nitrate (NO_3)	0,005 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131635.1210	500 g	6
131635.1214	5 kg	4
131635.0716	25 kg	

di-Sodium Hydrogen Arsenate 7-hydrate PRS

$HAsNa_2O_4.7H_2O$
$Na_2HAsO_4.7H_2O$

M.= 312,01 CAS [10048-95-0] EINECS 231-902-4 NC: 2842 90 80
E.C.: 033-005-00-1 RTECS: CG 0900000
Signal Word: Danger



H350-H331-H301-H410

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
pH of 5% solution	8,5-9,0
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Nitrate (NO_3)	0,025 %
Sulphate (SO_4)	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141635.1210	500 g P	6
141635.1211	1000 g P	6
141635.1214	5 kg P	4
141635.0716	25 kg PP	

Sodium Hydrogen Carbonate PA-ACS-ISO

$NaHCO_3$

M: 84,01 CAS: 144-55-8 EINECS: 205-633-8 NC: 2836 30 00

SPECIFICATIONS:

Assay (Acidim.)	99,7-100,3 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Reducing substances I_2 (as I)	0,005 %
Nitrogen compounds (as N)	0,0005 %
Sulphur compounds (as SO_4)	0,003 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Silicate (SiO_2)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cr 5	Mo 5
Al 5	Cu 5	Ni 5
Ba 5	Fe 5	Pb 5
Bi 5	K 50	Sr 5
Ca 100	Li 20	Tl 5
Cd 5	Mg 50	Zn 5
Co 5	Mn 5	

Order code	Package	Units/Box st.
131638.1210	500 g P	6
131638.1211	1000 g P	6
131638.1214	5 kg P	4
131638.0416	25 kg PP	

Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$NaHCO_3$

M: 84,01 CAS: 144-55-8 EINECS: 205-633-8 NC: 2836 30 00

SPECIFICATIONS:

Assay (Acidim.)	99,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying	0,25 %
Sulphur compounds (as SO_4)	0,015 %
Residual solvents (Ph.Eur./USP)	p/t
Carbonate	p/t.
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,0002 %
Ca	0,01 %
Fe	0,0005 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os).	10 ppm
Class 1C (Mo, Ni, Cr, V).	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	300 ppm

Order code	Package	Units/Box st.
141638.1210	500 g P	6
141638.1211	1000 g P	6
141638.1214	5 kg P	4
141638.0416	25 kg PP	

Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO

$NaHCO_3$

M: 84,01 CAS: 144-55-8 EINECS: 205-633-8 NC: 2836 30 00

SPECIFICATIONS:

Assay (as $NaHCO_3$) after drying	99,0-100,5%
pH of 1% solution	8,0-8,6
Ammonia	p/t.
Insoluble substances	p/t.
Loss on drying, not more than	0,25 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201638.1214	5 kg P	4
201638.0416	25 kg PP	

di-Sodium Hydrogen Citrate 1 1/2-hydrate (Reag. Ph. Eur.) PA

$Na_2HC_6H_5O_7.1\ 1/2H_2O$

M: 263,11 CAS: 144-33-2 EINECS: 205-623-3 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
pH of 5% solution	4,9-5,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Darkened substances by H_2SO_4	p/t.
Reducing substances	p/t.
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,002 %
Oxalate (C_2O_4)	0,01 %
Ammonium (NH_4)	0,001 %
Heavy metals (as Pb)	0,001 %
As	0,00004 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121654.1210	500 g P	6
121654.0914	5 kg PP	

di-Sodium Hydrogen Citrate 1 1/2-hydrate PRS

$Na_2HC_6H_5O_7.1\ 1/2H_2O$

M: 263,11 CAS: 144-33-2 EINECS: 205-623-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	98 %
pH of 5% solution	4,9-5,2
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,002 %
Phosphate (PO_4)	0,005 %
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141654.1211	1000 g P	6
141654.0416	25 kg PP	

di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO

$Na_2HC_6H_5O_7.1\ 1/2H_2O$

M: 263,11 CAS: 144-33-2 EINECS: 205-623-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (as $C_6H_5Na_3O_7$) after drying, not less than	99 %
Arsenic (as As), not more than	1 ppm
Loss on drying, not more than	13 %
Oxalate (as oxalic acid)a.a.s , not more than.	0,01 %
pH of 1% solution	4,9-5,2
Lead, not more than	1 ppm
Heavy metals (as Pb), not more than	5 ppm
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
201654.0914	5 kg PP	

Sodium di-Hydrogen Citrate PA

$C_6H_7NaO_7$

M: 214,11 CAS: 18996-35-5 EINECS: 242-734-6 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
pH of 5% solution	3,5-3,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Darkened substances by H_2SO_4	p/t.
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Oxalate (C_2O_4)	0,01 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %
Ca	0,01 %
Cu	0,0005 %
Fe	0,0005 %
K	0,05 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
121653.1211	1000 g (P)	6
121653.0416	25 kg	

Sodium di-Hydrogen Citrate PRS

$C_6H_7NaO_7$

M: 214,11 CAS: 18996-35-5 EINECS: 242-734-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	3,5-3,8
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,002 %
Phosphate (PO_4)	0,002 %
Oxalate (C_2O_4)	0,01 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,001 %
As	0,00004 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141653.1210	500 g (P)	6
141653.1211	1000 g (P)	6
141653.0416	25 kg (PP)	

Sodium mono-Hydrogen Phosphate

(see di-Sodium Hydrogen Phosphate)

di-Sodium di-Hydrogen di-Phosphate

(see di-Sodium di-Hydrogen Pyrophosphate)

di-Sodium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS

Na_2HPO_4

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	8,7-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,002 %
Pyrophosphate (P_2O_7)	0,2 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Al	5	Cu	5	Pt	5
Au	5	Fe	10	Sb	5
B	5	K	100	Se	5
Ba	5	Mg	10	Si	5
Be	5	Mn	5	Sr	5
Ca	10	Mo	5	Ti	5
Cd	5	Ni	5	Zn	5
Co	5	Pb	10		

Order code	Package	Units/Box st.
131679.1210	500 g (P)	6
131679.1211	1000 g (P)	6
131679.0914	5 kg (PP)	4
131679.0416	25 kg (PP)	

di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX

Na_2HPO_4

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	98,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	8,7-9,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Loss on drying at 105°C	1,0 %
Residual solvents (Ph.Eur./USP)	p/t
Sodium di-Hydrogen Phosphate	p/t.
Reducing substances to $KMnO_4$	p/t.
Nitrogen compounds (as N)	0,003 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,03 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Fe	0,002 %

Order code	Package	Units/Box st.
141679.1210	500 g (P)	6
141679.1211	1000 g (P)	6
141679.1214	5 kg (P)	4
141679.0416	25 kg (PP)	

di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO

Na_2HPO_4

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Na_2HPO_4) after drying, not less than	98,0 %
pH of 1% solution	8,4-9,6
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Loss on drying, not more than	5,0 %
P_2O_5 content a.d.s.	49-51 %
Insoluble substances a.d.s., not more than	0,2 %
Cadmium, not more than	1 ppm
Lead, not more than	4 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201679.1214	5 kg (P)	4
201679.0416	25 kg (PP)	

di-Sodium Hydrogen Phosphate anhydrous QP

Na_2HPO_4

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.)	98,0 %
Chloride (Cl)	0,06 %
Sulphate (SO_4)	0,2 %

Order code	Package	Units/Box st.
211679.1214	5 kg (P)	4
211679.0416	25 kg (PP)	

di-Sodium Hydrogen Phosphate 2-hydrate PA

$Na_2HPO_4.2H_2O$

M: 177,99 CAS: 10028-24-7 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	8,7-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,002 %
Pyrophosphate (P_2O_7)	0,2 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,00005 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,002 %
K	0,005 %
Mg	0,001 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,001 %
Zn	0,0005 %

Order code	Package	Units/Box st.
122507.1210	500 g (P)	6
122507.1211	1000 g (P)	6
122507.1214	5 kg (PP)	
122507.0416	25 kg (PP)	

di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

$Na_2HPO_4.2H_2O$

M: 177,99 CAS: 10028-24-7 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s. 98,0-101,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 8,7-9,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 130°C ..... 19,5-21,0 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Sodium di-Hydrogen Phosphate ..... p/t.
Reducing substances ..... p/t.
Nitrogen compounds (as N) ..... 0,003 %
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,01 %
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0001 %
Fe ..... 0,002 %

Order code	Package	Units/Box st.
142507.1211	1000 g P	6
142507.0914	5 kg PP	
142507.0416	25 kg PP	

di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO

$Na_2HPO_4.2H_2O$

M: 177,99 CAS: 10028-24-7 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Na_2HPO_4) after drying, not less than ..... 98,0 %
Appearance ..... p/t
Identity:
Phosphate ..... p/t.
Sodium ..... p/t.
pH of 1% solution 8,4-9,6
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 10 ppm
Loss on drying, not more than ..... 18,0-22,0 %
P_2O_5 content a.a.s. ..... 49-51 %
Insoluble substances a.a.s., not more than ..... 0,2 %
Cadmium, not more than ..... 1 ppm
Lead, not more than ..... 4 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202507.0914	5 kg PP	
202507.0416	25 kg PP	

di-Sodium Hydrogen Phosphate 7-hydrate PA-ACS

$Na_2HPO_4.7H_2O$

M: 268,06 CAS: 7782-85-6 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) ..... 98,0-102,0 %
pH of 5% solution 8,7-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Nitrogen compounds (as N) ..... 0,001 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0005 %
Fe ..... 0,001 %

Order code	Package	Units/Box st.
132656.1211	1000 g P	6
132656.0914	5 kg PP	

di-Sodium Hydrogen Phosphate 12-hydrate PA-ISO

$Na_2HPO_4.12H_2O$

M: 358,14 CAS: 10039-32-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) ..... 99-102 %
pH of 5% solution 9-9,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Mono or tri-Base salt ..... p/t.
Nitrogen compounds (as N) ..... 0,001 %
Chloride (Cl) ..... 0,0005 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00005 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,01 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131678.1210	500 g P	6
131678.1211	1000 g P	6
131678.1214	5 kg PP	4
131678.0416	25 kg PP	

di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$Na_2HPO_4.12H_2O$

M: 358,14 CAS: 10039-32-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s. ..... 98,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 8,7-9,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 130°C ..... 57-61 %
Residual solvents (Ph.Eur./USP) ..... p/t
Nitrogen compounds (as N) ..... 0,003 %
Sodium di-Hydrogen Phosphate ..... p/t.
Reducing substances to $KMnO_4$ ..... p/t.
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,01 %
Heavy metals (as Pb) ..... 0,001 %
Water (H_2O) ..... 57,0-61,0 %
As ..... 0,0001 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141678.1210	500 g P	6
141678.1211	1000 g P	6
141678.1214	5 kg PP	4
141678.0416	25 kg PP	

di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO

$Na_2HPO_4.12H_2O$

M: 358,14 CAS: 10039-32-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Na_2HPO_4) after drying, not less than ..... 98,0 %
pH of 1% solution 8,4-9,6
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 10 ppm
P_2O_5 content a.a.s. ..... 49-51 %
Loss on drying, not more than ..... 61,0 %
Insoluble substances a.a.s., not more than ..... 0,2 %
Cadmium, not more than ..... 1 ppm
Lead, not more than ..... 4 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/EC

Order code	Package	Units/Box st.
201678.1214	5 kg PP	
201678.0416	25 kg PP	

Sodium di-Hydrogen Phosphate anhydrous PA

NaH_2PO_4

M: 120,00 CAS: 7558-80-7 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.)	99-100,5 %
pH of 5% solution	4,1-4,7

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,05 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,005 %
As	0,0001 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
Mg	0,01 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
122018.1210	500 g P	6
122018.1211	1000 g P	6
122018.1214	5 kg P	4

Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) PA-ACS

$NaH_2PO_4.H_2O$

M: 137,99 CAS: 10049-21-5 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.)	98,0-102,0%
pH of 5% solution	4,1-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,0005 %
Sulphate (SO_4)	0,003 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131965.1210	500 g P	6
131965.1211	1000 g P	6
131965.1214	5 kg P	4
131965.0416	25 kg PP	

Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX

$NaH_2PO_4.H_2O$

M: 137,99 CAS: 10049-21-5 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s.	98,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Appearance and colour of solution	p/t.
Insoluble matter in H_2O	0,005 %
Loss on drying at 130°C	11,5-14,5 %
Residual solvents (Ph.Eur./USP)	p/t
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,014 %
Sulphate (SO_4)	0,03 %
Aluminium, Calcium and related elements.	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Fe	0,001 %

Order code	Package	Units/Box st.
141965.1210	500 g P	6
141965.1211	1000 g P	6
141965.1214	5 kg P	4
141965.0416	25 kg PP	

Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO

$NaH_2PO_4.H_2O$

M: 137,99 CAS: 10049-21-5 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (NaH_2PO_4) after drying	98,0-103,0%
Appearance	p/t
Identity:	
Phosphate	p/t.
Sodium	p/t.
pH of 1% solution	4,1-5,0
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Loss on drying	10,0-15,0 %
P_2O_5 content, a.a.s.	58,0-60,0 %
Insoluble substances a.a.s., not more than	0,2 %
Cadmium, not more than	1 ppm
Lead, not more than	4 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201965.1214	5 kg P	4
201965.0416	25 kg PP	

Sodium di-Hydrogen Phosphate 2-hydrate PA

$NaH_2PO_4.2H_2O$

M: 156,01 CAS: 13472-35-0 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.)	99,0-101,0%
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,0005 %
Sulphate (SO_4)	0,003 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %
Ca	0,005 %
Cu	0,0002 %
Fe	0,0005 %
Mg	0,005 %
Ni	0,001 %
Pb	0,0002 %

Order code	Package	Units/Box st.
121677.1210	500 g P	6
121677.1211	1000 g P	6
121677.1214	5 kg P	4
121677.0416	25 kg PP	

Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$NaH_2PO_4.2H_2O$

M: 156,01 CAS: 13472-35-0 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim) calc. a.a.s.	98,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,005 %
Loss on drying at 130°C	21,5-24,0 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Reducing substances to $KMnO_4$	p/t.
Aluminium, Calcium and related elements	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Fe	0,001 %

Order code	Package	Units/Box st.
141677.1210	500 g P	6
141677.1211	1000 g P	6
141677.1214	5 kg P	4
141677.0416	25 kg PP	

Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO

$NaH_2PO_4.2H_2O$

M: 156,01 CAS: 13472-35-0 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (NaH_2PO_4) after drying	98,0-103,0%
pH of 1% solution	4,1-5,0
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Loss on drying	20,0-25,0 %
P_2O_5 content, a.a.s.	58,0-60,0 %
Insoluble substances a.a.s., not more than	0,2 %
Cadmium, not more than	1 ppm
Lead, not more than	4 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2001/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201677.1214	5 kg	4
201677.0416	25 kg	

di-Sodium di-Hydrogen Pyrophosphate PRS

$Na_2H_2P_2O_7$

M: 221,94 CAS: 7758-16-9 EINECS: 231-835-0 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	3,6-4,4
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141709.1211	1000 g	6
141709.1214	5 kg	4
141709.0416	25 kg	

di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO

$Na_2H_2P_2O_7$

M: 221,94 CAS: 7758-16-9 EINECS: 231-835-0 NC: 2835 39 00

SPECIFICATIONS:

Assay ($Na_2H_2P_2O_7$)	95,0-100,5%
Arsenic (as As), not more than	3 ppm
Insoluble substances, not more than	0,6 %
Loss on drying at 105°C, not more than	0,5 %
P_2O_5 content	63,0-64 %
pH of 1%	3,7-4,4
Fluoride, not more than	10 ppm
Lead, not more than	2 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201709.1214	5 kg	4
201709.0416	25 kg	

Sodium Hydrogen Sulphate anhydrous PRS

$NaHSO_4$

M: 120,06 CAS: 7681-38-1 EINECS: 231-665-7 NC: 2833 19 00 UN: 3260

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger

H318

SPECIFICATIONS:

Assay (as $NaHSO_4$) (Acidim.)	95 %
Insoluble matter in NH_4OH	0,05 %
Chloride (Cl)	0,005 %
Nitrogen compounds (as N)	0,002 %
Phosphate (PO_4)	0,003 %
Al	0,005 %
As	0,0005 %
Ca	0,01 %
Cu	0,01 %
Fe	0,005 %
Mg	0,01 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
141640.1210	500 g	6
141640.1211	1000 g	6
141640.1214	5 kg	4
141640.0416	25 kg	

Sodium Hydrogen Sulphate 1-hydrate PRS

$NaHSO_4.H_2O$

M: 138,08 CAS: 10034-88-5 EINECS: 231-665-7 NC: 2833 19 00 UN: 3260

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger

H318

SPECIFICATIONS:

Assay (as $NaHSO_4.H_2O$) (Acidim.)	97 %
Insoluble matter in NH_4OH	0,05 %
Chloride (Cl)	0,01 %
Phosphate (PO_4)	0,003 %
Al	0,005 %
As	0,0005 %
Ca	0,01 %
Cu	0,01 %
Fe	0,005 %
Mg	0,01 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
143854.1210	500 g	6
143854.1211	1000 g	6
143854.1214	5 kg	4
143854.0416	25 kg	

Sodium Hydrogen Sulphite solution 40% w/v QP

$NaHSO_3$

M: 104,06 CAS: 7631-90-5 EINECS: 231-548-0 NC: 2832 10 00 UN: 2693

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H302-EUH031

1l~1,260kg 1kg~0,794l

SPECIFICATIONS:

Assay (Iodom.)	40 %

Order code	Package	Units/Box st.
211642.1211	1000 ml	6
211642.1214	5 l	4
211642.0716	25 l	

Sodium Hydrogen Tartrate anhydrous PRS

$NaH(COO)_2(CHOH)_2$

M: 172,09 CAS: 526-94-3 EINECS: 208-400-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	99 %
pH of 5% solution	3,3-3,6
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141643.1211	1000 g	6
141643.0416	25 kg	

Sodium Hydrogen Tartrate 1-hydrate (Reag. USP) PA

$NaH(COO)_2(CHOH)_2.H_2O$

M: 190,09 CAS: 526-94-3 EINECS: 208-400-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	99,5-100,5%
pH of 5% solution	3,0-3,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 120°C	9,0-10,0 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,00004 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121871.1211	1000 g	6
121871.0914	5 kg	

Sodium Hydrogen Tartrate 1-hydrate PRS

$NaH(COO)_2(CHOH)_2.H_2O$

M: 190,09 CAS: 526-94-3 EINECS: 208-400-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	99,0-102,0%
pH of 5% solution	3,0-3,6
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141871.1211	1000 g (P)	6

Sodium Hydrosulphite

(see Sodium Dithionite)

Sodium Hydroxide pellets PA-ACS-ISO

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Acidim.)	98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Carbonate (as Na_2CO_3)	1,0 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,0005 %
Nitrogen compounds (as N)	0,0005 %
Silicate (SiO_2)	0,001 %
Sulphate (SO_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
Al	0,0005 %
As	0,00004 %
Ca	0,0005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Hg	0,00001 %
K	0,02 %
Mg	0,0005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,001 %

Order code	Package	Units/Box st.
131687.1210	500 g (P)	6
131687.1211	1000 g (P)	6
131687.1214	5 kg (P)	4
131687.0416	25 kg (PP)	

Sodium Hydroxide pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.)	98,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Carbonate (as Na_2CO_3)	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,001 %
Fe	0,001 %
K	p/t.

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141687.1210	500 g (P)	6
141687.1211	1000 g (P)	6
141687.1214	5 kg (P)	4
141687.0416	25 kg (PP)	

Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (as NaOH) of total alkali	98,0-100,5%
Arsenic (as As), not more than	3 ppm
Carbonate (as Na_2CO_3), not more than	0,5 %
Insoluble substances and organic matter	p/t.
Lead, not more than	0,5 ppm
Mercury, not more than	0,1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201687.1214	5 kg (P)	4
201687.0416	25 kg (PP)	

Sodium Hydroxide pellets QP

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,005 %
As	0,0003 %
Fe	0,005 %

Order code	Package	Units/Box st.
211687.1211	1000 g (P)	6
211687.1214	5 kg (P)	4
211687.0416	25 kg (PP)	

Sodium Hydroxide flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.)	98,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Residual solvents (Ph.Eur./USP)	p/t
Carbonate (as Na_2CO_3)	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,001 %
Fe	0,001 %
K	p/t.

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141686.1210	500 g (P)	6
141686.1211	1000 g (P)	6
141686.1214	5 kg (PP)	4
141686.0416	25 kg (PP)	

Sodium Hydroxide flakes QP

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,005 %
As	0,0003 %
Fe	0,005 %

Order code	Package	Units/Box st.
211686.1214	5 kg (PP)	
211686.0416	25 kg (PP)	

Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.) PRS-CODEX

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.)	98,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,025 %
Residual solvents (Ph.Eur./USP)	p/t
Carbonate (as Na_2CO_3)	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,001 %
Fe	0,001 %
K	p/t.

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141929.1210	500 g	6
141929.1211	1000 g	6
141929.1214	5 kg	4
141929.0416	25 kg	

SODIUM HYDROXIDE SOLUTIONS

Sodium Hydroxide solution 50% w/w PRS

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,52kg 1kg~0,66l

SPECIFICATIONS:

Assay (Acidim.)	50 %
Carbonate (as Na_2CO_3)	1 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,01 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,002 %
Al	0,002 %
As	0,00004 %
Ca	0,005 %
Cu	0,001 %
Fe	0,005 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142404.1214	5 l	
142404.0716	25 l	

Sodium Hydroxide solution 50% w/v PRS

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,39kg 1kg~0,72l

SPECIFICATIONS:

Assay (Acidim.)	50 %
Carbonate (as Na_2CO_3)	1 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,01 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,002 %
Al	0,002 %
As	0,00004 %
Ca	0,005 %
Cu	0,001 %
Fe	0,005 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141571.1214	5 l	4
141571.0716	25 l	

Sodium Hydroxide solution 50% w/v QP

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,39kg 1kg~0,72l

SPECIFICATIONS:

Assay (Acidim.)	50 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,005 %
As	0,0003 %
Fe	0,005 %

Order code	Package	Units/Box st.
211571.1214	5 l	4
211571.0716	25 l	

Sodium Hydroxide solution 40% w/w RE

for determination of N
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,43kg 1kg~0,70l

SPECIFICATIONS:

Minimum assay (Acidim.)	40 %

MAXIMUM LIMIT OF IMPURITIES

Carbonate (as Na_2CO_3)	1,0 %
Nitrogen compounds (as N)	0,002 %

Order code	Package	Units/Box st.
171220.1211	1000 ml	6
171220.1214	5 l	4
171220.1315	10 l	(*)
171220.0716	25 l	

(*) Sol-Pack pack with tap

Sodium Hydroxide solution 40% w/v PA

for the N determination in milk according to ISO 8968-3:2004
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l~1,33kg 1kg~0,75l
SPECIFICATIONS:
Minimum assay (Acidim.)..... 40 %
MAXIMUM LIMIT OF IMPURITIES
Carbonate (as Na_2CO_3) ..... 1,0 %
Nitrogen compounds (as N) ..... 0,0005 %
Chloride (Cl)..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Silicate (as SiO_2) ..... 0,001 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
Al ..... 0,0005 %
As ..... 0,00004 %
Ca ..... 0,0005 %
Cu ..... 0,0005 %
Fe..... 0,0005 %
K ..... 0,02 %
Mg ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
121593.1211	1000 ml	6
121593.1214	5 l	4

Sodium Hydroxide solution 32% w/v PA

for determination of N
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l~1,28kg 1kg~0,78l
SPECIFICATIONS:
Assay (Acidim.)..... 32-34 %
MAXIMUM LIMIT OF IMPURITIES
Carbonate (as Na_2CO_3) ..... 1,0 %
Nitrogen compounds (as N) ..... 0,0001 %
Chloride (Cl)..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Silicate (as SiO_2) ..... 0,001 %
Sulphate (SO_4) ..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
Al ..... 0,0005 %
As ..... 0,00004 %
Ca ..... 0,0005 %
Cu ..... 0,0005 %
Fe..... 0,0005 %
K ..... 0,02 %
Mg ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,001 %

Order code	Package	Units/Box st.
122666.1211	1000 ml	6
122666.1214	5 l	4

Sodium Hydroxide solution 30% w/v RE

NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l~1,26kg 1kg~0,79l
SPECIFICATIONS:
Assay (Acidim.)..... 30 %
MAXIMUM LIMIT OF IMPURITIES
Carbonate (as Na_2CO_3) ..... 1 %
Chloride (Cl)..... 0,01 %
Phosphate (PO_4) ..... 0,002 %
Sulphate (SO_4) ..... 0,01 %

Order code	Package	Units/Box st.
171690.1210	500 ml	6
171690.1214	5 l	4
171690.0716	25 l	

Sodium Hydroxide solution 20% w/v RE

NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l~1,19kg 1kg~0,84l
SPECIFICATIONS:
Assay (Acidim.) (w/v) ..... 20,0-21,0 %

Order code	Package	Units/Box st.
171689.1210	500 ml	6

Sodium Hydroxide solution 10% w/v RE

NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l~1,10kg 1kg~0,91l
SPECIFICATIONS:
Minimum assay (Acidim.)..... 10 %
MAXIMUM LIMIT OF IMPURITIES
Carbonate (as Na_2CO_3) ..... 1,0 %
Chloride (Cl)..... 0,01 %
Sulphate (SO_4) ..... 0,01 %

Order code	Package	Units/Box st.
171688.1210	500 ml	6

Sodium Hydroxide 0,1 mol/l (0,1N) RE

solution for pH scales. Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,004kg 1kg~0,996l
SPECIFICATIONS:
Titer ..... 1,000±0,005

Order code	Package	Units/Box st.
171694.1209	250 ml	6

Sodium Hydroxide 0,02 mol/l (0,02N) SV

Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
183397.1211	1000 ml	6

Sodium Hydroxide 0,025 mol/l (0,025N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
182296.1211	1000 ml	6

Sodium Hydroxide 0,04 mol/l (0,04N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
181584.1211	1000 ml	6

Sodium Hydroxide 0,05 mol/l (0,05N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,003kg 1kg~0,997l
SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
182153.1211	1000 ml	6

Sodium Hydroxide 0,1 mol/l (0,1N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,004kg 1kg~0,996l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181693.1211	1000 ml	6
181693.1212	2,5 l	4
181693.1214	5 l	4
181693.1315	10 l	(*)

Sodium Hydroxide 0,1 mol/l (0,1N) SV

Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,004kg 1kg~0,996l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181694.1211	1000 ml	6
181694.1315	10 l	(*)

Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
NaOH
M: 40,00 CAS: 1310-73-2 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

H225
1l~0,852kg 1kg~1,174l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182284.1611	1000 ml	6

Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SVc

CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger

H314
SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303125.1920	1 ampoule	6

Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV

for analysis of acidity in milk
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,005kg 1kg~0,995l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
183154.1211	1000 ml	6
183154.1214	5 l	4

Sodium Hydroxide 0,2 mol/l (0,2N) SV

Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning

H319-H315
1l~1,006kg 1kg~0,994l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182971.1211	1000 ml	6

Sodium Hydroxide 0,25 mol/l (0,25N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning

H319-H315
1l~1,011kg 1kg~0,989l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182155.1211	1000 ml	6

Sodium Hydroxide 0,313 mol/l (0,313N) SV

for determination of raw fibre. Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning

H319-H315
1l~1,016kg 1kg~0,984l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
183337.1211	1000 ml	6
183337.1214	5 l	4

Sodium Hydroxide 0,3546 mol/l (N/2,82) SV

Empiric Liquor for analysis of oils. Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning

H319-H315
1l~1,015kg 1kg~0,985l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182156.1211	1000 ml	6
182156.1315	10 l	(*)

Sodium Hydroxide 0,5 mol/l (0,5N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger

H314
1l~1,021kg 1kg~0,979l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181692.1211	1000 ml	6
181692.1315	10 l	(*)

Sodium Hydroxide 1 mol/l (1N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger

H314
1l~1,042kg 1kg~0,960l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181691.1211	1000 ml	6
181691.1212	2,5 l	4
181691.1214	5 l	4
181691.1315	10 l	(*)

(*) Sol-Pack pack with tap

Sodium Hydroxide 1 mol/l (1N) SV

Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,042kg 1kg~0,960l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182415.1211	1000 ml	6
182415.1315	10 l	(*)

Sodium Hydroxide 1 mol/l (1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
NaOH
M: 40,00 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H314

1l~0,885kg 1kg~1,130l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182265.1611	1000 ml	6

Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SVc

CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303126.1920	1 ampoule	6

Sodium Hydroxide 2 mol/l (2N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,09kg 1kg~0,92l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182158.1211	1000 ml	6

Sodium Hydroxide 4 mol/l (4N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,153kg 1kg~0,867l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
183466.1211	1000 ml	6

Sodium Hydroxide 5 mol/l (5N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,186kg 1kg~0,843l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182159.1211	1000 ml	6

(*) Sol-Pack pack with tap

Sodium Hydroxide 0,01 mol/l VINIKIT

for determination of sulphurous gas (SO_2) in wine, according to Paul
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
621845.1210	500 ml	6

Sodium Hydroxide 0,02 mol/l (0,02N) VINIKIT

for determination of real volatile acidity according to García-Tena.
Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
623397.1210	500 ml	6

Sodium Hydroxide N/49 VINIKIT

acidimetric liquor for determination of the volatile acidity in wine
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
624785.1210	500 ml	6
624785.1211	1000 ml	6

Sodium Hydroxide 0,1 mol/l (0,1N) VINIKIT

Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,004kg 1kg~0,996l
SPECIFICATIONS:
Titer .....1,000±0,005

Order code	Package	Units/Box st.
621694.1210	500 ml	6

Sodium Hydroxide 0,1332 mol/l (0,1332N) VINIKIT

for determination of total acidity in wine and must
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning


H319-H315

1l~1,005kg 1kg~0,995l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
624835.1211	1000 ml	6

Sodium Hydroxide N/4,9 VINIKIT

acidimetric liquor for determination of total acidity in wine and must.
Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning


H319-H315

1l~1,007kg 1kg~0,993l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
624782.1210	500 ml	6
624782.1211	1000 ml	6

Sodium Hydroxide 0,4 mol/l (0,4N) VINIKIT

for determination of total acidity in vinegars. Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315
1l~1,017kg 1kg~0,983l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
622157.1211	1000 ml	6

Sodium Hydroxide 1,666 mol/l (1,666N) VINIKIT

for determination of total acidity in vinegars. Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l~1,067kg 1kg~0,937l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
624836.1211	1000 ml	6

Sodium 2-Hydroxybenzoate

(see Sodium Salicylate)

SODIUM HYPOCHLORITE SOLUTIONS

Sodium Hypochlorite solution (7±2% w/w as active chlorine) PA

NaClO
M: 74,44 CAS: 7681-52-9 EINECS: 231-668-3 NC: 2828 90 00 UN: 1791
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



EUH031-H319-H315
1l~1,15kg 1kg~0,87l
SPECIFICATIONS:
Assay (as Cl_2) (Iodom.) (w/w) ..... 5-9 %*
MAXIMUM LIMIT OF IMPURITIES
Alkalinity (as NaOH)..... 1,8 %
*At the moment of the batch analysis
Metals by ICP [mg/Kg (ppm)]
Cd..... 10
Cr..... 10
Cu..... 10
Hg..... 10
Mn 10
Ni 10
Zn 10

Order code	Package	Units/Box st.
122967.1211	1000 ml	6

Sodium Hypochlorite solution 5% w/v QP

NaClO
M: 74,44 CAS: 7681-52-9 EINECS: 231-668-3 NC: 2828 90 00 UN: 1791
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



EUH031-H319-H315
1l~1,12kg 1kg~0,89l
SPECIFICATIONS:
Assay (Iodom.).....5 %*
*At the moment of the batch analysis

Order code	Package	Units/Box st.
212297.1211	1000 ml	6
212297.1214	5 l	4
212297.0716	25 l	

Sodium Hypochlorite solution 10% w/v QP

NaClO
M: 74,44 CAS: 7681-52-9 EINECS: 231-668-3 NC: 2828 90 00 UN: 1791
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Danger



EUH031-H314
1l~1,18kg 1kg~0,85l
SPECIFICATIONS:
Assay (Iodom.).....10 %*
*At the moment of the batch analysis

Order code	Package	Units/Box st.
211921.1211	1000 ml	6
211921.1214	5 l	4
211921.0716	25 l	

Sodium Hypodisulphite

(see Sodium Dithionite)

Sodium Hypophosphite

(see Sodium Phosphinate 1-hydrate)

Sodium Hyposulphite

(see Sodium Thiosulphate)

Sodium Iodate PA

$NaIO_3$
M: 197,89 CAS: 7681-55-2 EINECS: 231-672-5 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272
SPECIFICATIONS:
Minimum assay (Iodom.) ..... 99,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... 0,005 %
Loss on drying at 130°C..... 0,1 %
Nitrogen compounds (as N) ..... 0,003 %
Bromate, bromide, chlorate and chloride (as Cl)..... 0,02 %
Sulphate (SO_4) ..... 0,005 %
Iodide (I)..... 0,001 %
Cu ..... 0,0005 %
Fe..... 0,001 %
K ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
122338.1208	100 g	6
122338.1209	250 g	6
122338.1214	5 kg	4

Sodium Iodate PRS

$NaIO_3$
M: 197,89 CAS: 7681-55-2 EINECS: 231-672-5 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272
SPECIFICATIONS:
Assay (Iodom.)..... 98 %
Insoluble matter in H_2O..... 0,025 %
Loss on drying at 130°C..... 0,2 %
Nitrogen compounds (as N) ..... 0,01 %
Bromate, bromide, chlorate and chloride (as Cl)..... 0,05 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,002 %
Fe..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142338.1208	100 g	6
142338.1209	250 g	6
142338.1214	5 kg	4

Sodium Iodide PA-ACS

NaI

M: 149,89 CAS: 7681-82-5 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Arg.)	99,5 %
pH of 5% solution	6,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,002 %
Chloride and bromide (as Cl)	0,01 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,0025 %
Iodate (IO_3)	0,0003 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	K	100
Al	5	Mg	10
Au	5	Mn	5
B	5	Ni	5
Ba	20	Pb	1
Be	5	Sr	5
Ca	10	Ti	5
Co	5	V	5
Fe	5	Zn	5
Ga	5	Zr	5

Order code	Package	Units/Box st.
131726.1609	250 g	6
131726.1610	500 g	6
131726.1611	1000 g	6
131726.1214	5 kg	4
131726.0416	25 kg	

Sodium Iodide PRS

NaI

M: 149,89 CAS: 7681-82-5 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Assay (Arg.)	98 %
pH of 5% solution	6,0-9,2
Insoluble matter in H_2O	0,025 %
Nitrogen compounds (as N)	0,005 %
Chloride and bromide (as Cl)	0,05 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,01 %
As	0,0003 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141726.1609	250 g	6
141726.1610	500 g	6
141726.1611	1000 g	6
141726.1214	5 kg	4
141726.0416	25 kg	

Sodium Iodide 2-hydrate PA

$NaI.2H_2O$

M: 185,93 CAS: 13517-06-1 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Arg.)	99,0 %
pH of 5% solution	6,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,002 %
Chloride and bromide (as Cl)	0,02 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,005 %
Iodate (IO_3)	0,0003 %
As	0,0001 %
Ba	0,002 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Mg	0,005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122099.1609	250 g	6
122099.1214	5 kg	4

Sodium Iodide 2-hydrate PRS

$NaI.2H_2O$

M: 185,93 CAS: 13517-06-1 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Assay (Arg.)	98 %
pH of 5% solution	6,0-9,0
Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,005 %
Chloride and bromide (as Cl)	0,05 %
Sulphate (SO_4)	0,005 %
As	0,0002 %
Ba	0,005 %
Ca	0,01 %
Cu	0,002 %
Fe	0,002 %
K	0,05 %
Mg	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
142099.1609	250 g	6

Sodium Lactate PRS

$C_3H_5NaO_3$

M: 112,06 CAS: 867-56-1 EINECS: 212-762-3 NC: 2918 11 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	98 %
Reducing sugars	p/t.
Methanol and methyl esters	0,025 %
Citrate, Oxalate, Phosphate or Tartrate	p/t.
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,001 %
As	0,0003 %
Ca	0,01 %
Cu	0,0005 %
Fe	0,0005 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
143306.1210	500 g	6
143306.1211	1000 g	6

Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_3H_5NaO_3$

M: 112,06 CAS: 72-17-3 EINECS: 200-772-0 NC: 2918 11 00

1l~1,272kg 1kg~0,786l

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	50,0 %
Identity according to Pharmacopoeias	p/t.
Density at 20/4	1,267-1,277
pH	6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Reducing sugars	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Methanol and methyl esters	0,025 %
Citrate, oxalate, phosphate or tartrate.	p/t.
Chloride (Cl)	0,0025 %
Sulphate (SO_4)	0,005 %
Sulphate (SO_4) (USP)	p/t.
Heavy metals (as Pb)	0,0005 %
As	0,0003 %
Ba	p/t.
Ca	0,01 %
Cu	0,001 %
Fe	0,0005 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
143307.1211	1000 ml	6
143307.1214	5 l	4

Sodium Lactate solution 50% w/w (F.C.C.) ADITIO

$C_3H_5NaO_3$

M: 112,06 CAS: 72-17-3 EINECS: 200-772-0 NC: 2918 11 00

1l~1,272kg 1kg~0,786l

SPECIFICATIONS:

Assay ($C_3H_5NaO_3$), not less than ..... 50,0 %
Arsenic (as As), not more than ..... 3 ppm
pH 5,0-9,0
Acidity (as lactic acid) on dried matter, not more than ..... 0,5 %
Chloride, not more than ..... 0,05 %
Sulphate, not more than ..... 0,005 %
Methanol and Methyl Esters, not more than ..... 0,025 %
Citrate, Oxalate, Phosphate or Tartrate. ..... p/t.
Cyanide, not more than ..... 0,5 ppm
Reducing sugars ..... p/t.
Heavy metals (as Pb), not more than ..... 10 ppm
Lead, not more than ..... 2 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 96/77/CE, F.C.C. 6

Order code	Package	Units/Box st.
203307.1214	5 l P	4

Sodium Laurylsulphate

(see Sodium Dodecyl Sulphate)

Sodium Malonate, 99% PS

$C_3H_2Na_2O_4$

M: 148,0 CAS: 141-95-7 EINECS: 205-514-0 NC: 2917 19 10

SPECIFICATIONS:

Minimum assay ..... 99 %
Identity ..... IR p/t.
pH of 5% solution 5,8-9,0
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Water (H_2O) ..... 0,5 %

Order code	Package	Units/Box st.
15B852.1206	25 g P	6
15B852.1208	100 g P	6

Sodium Metaarsenite

(see Sodium meta-Arsenite)

Sodium Metabisulphite

(see Sodium Disulphite)

Sodium Metaperiodate

(see Sodium meta-Periodate)

Sodium Methoxide

(see Sodium Methylate)

SODIUM METHYLATE SOLUTIONS

Sodium Methylate solution ~30% in methanol PS

CH_3ONa

M: 54,02 CAS: 124-41-4 EINECS: 204-699-5 NC: 3822 00 00 UN: 1289

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370-H314

1l~0,970kg 1kg~1,031l

SPECIFICATIONS:

Assay (Acidim.) ..... ~30 %
Density at 20/4 0,968-0,972

Order code	Package	Units/Box st.
15A868.1611	1000 ml	6
15A868.1612	2,5 l	4

Sodium Methylate 0,5 mol/l methanolic PA-ACS

CH_3ONa

M: 54,02 CAS: 124-41-4 NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H331-H311-H301-H370

1l~0,815kg 1kg~1,227l

SPECIFICATIONS:

Assay (Acidim.) ..... 0,48-0,52 mol/l

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
135279.1608	100 ml	6

Sodium Molybdate 2-hydrate (Reag. Ph. Eur.) PA-ACS

$Na_2MoO_4.2H_2O$

M: 241,95 CAS: 10102-40-6 EINECS: 231-551-7 NC: 2841 70 00

SPECIFICATIONS:

Assay (Compl.) 99,5-103,0%
Appearance ..... p/t
Identification ..... positive
pH of 5% solution 7,0-10,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,0005 %
Nitrate (NO_3) ..... 0,005 %
Sulphate (SO_4) ..... 0,015 %
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,05 %
Mg ..... 0,001 %
Mn ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131701.1208	100 g P	6
131701.1209	250 g P	6
131701.1211	1000 g P	6
131701.1214	5 kg P	4
131701.0416	25 kg PP	

Sodium Molybdate 2-hydrate (BP, Ph. Eur.) PRS-CODEX

$Na_2MoO_4.2H_2O$

M: 241,95 CAS: 10102-40-6 EINECS: 231-551-7 NC: 2841 70 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s ..... 98,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 7,0-10,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,02 %
Loss on drying at 140°C ..... 14,0-16,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,05 %
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,001 %
Cu ..... 0,005 %
Fe ..... 0,005 %
Ni ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
141701.1208	100 g P	6
141701.1209	250 g P	6
141701.1211	1000 g P	6
141701.0914	5 kg PP	
141701.0416	25 kg PP	

Sodium Nitrate (Reag. Ph. Eur.) PA-ACS-ISO

$NaNO_3$

M: 84,99 CAS: 7631-99-4 EINECS: 231-554-3 NC: 3102 50 90 UN: 1498
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay	99,0 %
pH of 5% solution	5,5-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,0005 %
Nitrite (NO_2)	0,001 %
Sulphate (SO_4)	0,002 %
Iodate (IO_3)	0,0005 %
Ammonium (NH_4)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %
Ca	0,005 %
Cd	0,0002 %
Co	0,0002 %
Cu	0,0002 %
Fe	0,0002 %
K	0,005 %
Mg	0,001 %
Mn	0,0002 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131702.1210	500 g P	6
131702.1211	1000 g P	6
131702.1214	5 kg P	4
131702.0416	25 kg PP	

Sodium Nitrate PRS

$NaNO_3$

M: 84,99 CAS: 7631-99-4 EINECS: 231-554-3 NC: 3102 50 90 UN: 1498
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay	99 %
pH of 5% solution	5,0-8,0
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %
Ca	0,005 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141702.1210	500 g P	6
141702.1211	1000 g P	6
141702.1214	5 kg P	4
141702.0416	25 kg PP	

Sodium Nitrate (E-251, F.C.C.) ADITIO

$NaNO_3$

M: 84,99 CAS: 7631-99-4 EINECS: 231-554-3 NC: 3102 50 90 UN: 1498
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (as $NaNO_3$) after drying	99,0-100,5%
pH of 5% solution	5,5-8,3
Arsenic (as As), not more than	3 ppm
Total Chlorine (approx. 0,2%)	p/t.
Loss on drying, not more than	1 %
Nitrite (as $NaNO_2$), not more than	30 ppm
Lead, not more than	4 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201702.1214	5 kg P	4
201702.0416	25 kg PP	

Sodium Nitrite (Reag. Ph. Eur.) PA-ACS

$NaNO_2$

M: 69,00 CAS: 7632-00-0 EINECS: 231-555-9 NC: 2834 10 00 UN: 1500
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H330-H400

SPECIFICATIONS:

Minimum assay (Perm.)	98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,003 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,00004 %

Metals by ICP [mg/Kg (ppm)]

Al	5	K	50
Au	5	Li	5
B	5	Mg	25
Ba	5	Mn	5
Be	5	Mo	5
Bi	5	Ni	10
Ca	25	Pb	10
Cd	5	Sb	5
Co	5	Si	5
Cr	5	Sn	5
Cu	10	Sr	5
Fe	10	Ti	5
Ga	5	Tl	5
Ge	5	V	5
Hg	5	Zn	10

Order code	Package	Units/Box st.
131703.1210	500 g P	6
131703.1211	1000 g P	6
131703.1214	5 kg P	4
131703.0416	25 kg PP	

Sodium Nitrite (USP) PRS-CODEX

$NaNO_2$

M: 69,00 CAS: 7632-00-0 EINECS: 231-555-9 NC: 2834 10 00 UN: 1500
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H330-H400

SPECIFICATIONS:

Assay (Perm.) calc. a.d.s	97,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,025 %
Loss on drying	0,25 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %
Ca	0,01 %
Cu	0,002 %
Fe	0,002 %
Mg	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141703.1210	500 g P	6
141703.1211	1000 g P	6
141703.1214	5 kg P	4
141703.0416	25 kg PP	

Sodium Nitrite (E-250, F.C.C.) ADITIO

$NaNO_2$

M: 69,00 CAS: 7632-00-0 EINECS: 231-555-9 NC: 2834 10 00 UN: 1500
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H330-H400

SPECIFICATIONS:

Assay (as $NaNO_2$) after drying	98,0-100,5%
Arsenic (as As), not more than	3 ppm
Loss on drying, not more than	0,25 %
Lead, not more than	4 ppm
Heavy metals (as Pb), not more than	0,001 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201703.1214	5 kg P	4
201703.0416	25 kg PP	

Sodium Nitroferricyanide

(see Sodium Pentacyanonitrosoferrate(III))

Sodium Nitroprusside

(see Sodium Pentacyanonitrosoferrate(III))

Sodium 1-Octanesulphonate

(see 1-Octane Sulphonic Acid Sodium Salt)

di-Sodium Oxalate EQP-ACS

Primary Chemical Matter

$(NaCOO)_2$

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.)(after dried at 130°C) 99,95-100,05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Darkened substances by H_2SO_4 ..... p/t.
Neutrality ..... p/t.
Chloride (Cl) ..... 0,002 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,002 %
Cu ..... 0,001 %
Fe ..... 0,0005 %
K ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
241706.1521	10 x 1,5 g	6
241706.1608	100 g	6

di-Sodium Oxalate (Reag. USP, Ph. Eur.) PA-ACS

$(NaCOO)_2$

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perm.) ..... 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 105°C ..... 0,01 %
Darkened substances by H_2SO_4 ..... p/t.
Neutrality ..... p/t.
Chloride (Cl) ..... 0,002 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,002 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
131706.1210	500 g	6
131706.1211	1000 g	6
131706.0914	5 kg	
131706.0416	25 kg	

di-Sodium Oxalate PRS

$(NaCOO)_2$

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) ..... 98 %
Insoluble matter in H_2O ..... 0,025 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Ammonium (NH_4) ..... 0,005 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141706.1210	500 g	6
141706.1211	1000 g	6
141706.0914	5 kg	
141706.0416	25 kg	

di-Sodium Oxalate 0,1 mol/l (0,1M) DC

for hematology, prothrombin time

$C_2Na_2O_4$

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00

1l~1,008kg 1kg~0,992l

Composition:

di-Sodium Oxalate ..... 1,35 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251707.1211	1000 ml	6

Sodium 2-Oxopropanoate

(see Sodium Pyruvate)

Sodium Paraperiodate

(see Sodium para-Periodate)

Sodium Pentacyanonitrosoferrate(III) 2-hydrate (Reag. Ph. Eur.) PA-ACS

$Na_2Fe(CN)_5NO.2H_2O$

M: 297,95 CAS: 13755-38-9 EINECS: 238-373-9 NC: 2837 20 00 UN: 1588

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301

SPECIFICATIONS:

Assay (Arg.) 99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Chloride (Cl) ..... 0,01 %
Hexacyanoferrate (II) $[Fe(CN)_6]^{4-}$ ..... 0,02 %
Hexacyanoferrate (III) $[Fe(CN)_6]^{3-}$ ..... 0,01 %
Sulphate (SO_4) ..... 0,01 %
Ca ..... 0,001 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,005 %
Cu ..... 0,0005 %
K ..... 0,3 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,005 %

Order code	Package	Units/Box st.
131705.1206	25 g	6
131705.1208	100 g	6

Sodium Pentacyanonitrosoferrate(III) 2-hydrate PA

$Na_2Fe(CN)_5NO.2H_2O$

M: 297,95 CAS: 13755-38-9 EINECS: 238-373-9 NC: 2837 20 00 UN: 1588

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Chloride (Cl) ..... 0,01 %
Hexacyanoferrate (III) $[Fe(CN)_6]^{3-}$ ..... 0,02 %
Hexacyanoferrate (II) $[Fe(CN)_6]^{4-}$ ..... 0,02 %
Sulphate (SO_4) ..... 0,01 %

Order code	Package	Units/Box st.
121705.1208	100 g	6
121705.1210	500 g	6

Sodium Perborate 4-hydrate (BP, Ph. Eur.) PRS-CODEX

$NaBO_3.4H_2O$

M: 153,86 CAS: 10486-00-7 EINECS: 239-172-9 NC: 2840 30 00 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H360Df-H272-H302-H319-H318

SPECIFICATIONS:

Assay (Perm.)	96,0-103,0 %
Identity according to Pharmacopoeias	p/t.
pH of 1% solution	10,2-10,6

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,010 %
Sulphate (SO_4)	1,2 %
Heavy metals (as Pb)	0,001 %
Ag	0,001 %
As	0,0008 %
Bi	0,027 %
Cd	0,001 %
Cu	0,005 %
Cr	0,001 %
Fe	0,002 %
Ni	0,001 %
Zn	0,005 %

Order code	Package	Units/Box st.
145642.1211	1000 g	6

Sodium Perchlorate 1-hydrate (Reag. USP) PA-ACS

$NaClO_4.H_2O$

M: 140,46 CAS: 7791-07-3 EINECS: 231-511-9 NC: 2829 90 10 UN: 1502
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H271-H302

SPECIFICATIONS:

Assay (Arg.)	98,0-102,0%
pH of 5% solution	6,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,001 %
Chlorate (ClO_3)	0,05 %
Chloride (Cl)	0,003 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Mg	0,005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
134387.1208	100 g	6
134387.1210	500 g	6
134387.1214	5 kg	4

Sodium Periodate

(see Sodium meta-Periodate)

Sodium meta-Periodate (Reag. Ph. Eur.) PA-ACS

$NaIO_4$

M: 213,89 CAS: 7790-28-5 EINECS: 232-197-6 NC: 2829 90 10 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.) a.d.s	99,8-100,3%
pH of 0,5% solution	4,5-5,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 110°C	0,05 %
Bromide, chlorate and chloride (as Cl)	0,02 %
Sulphate (SO_4)	0,01 %
Iodide (I)	0,001 %
Ca	0,01 %
Mg	0,002 %
Mn	0,0003 %

Order code	Package	Units/Box st.
131700.1208	100 g	6
131700.1209	250 g	6
131700.1214	5 kg	4

Sodium meta-Periodate QP

$NaIO_4$

M: 213,89 CAS: 7790-28-5 EINECS: 232-197-6 NC: 2829 90 10 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.) a.d.s	99,5 %
Insoluble matter in H_2O	0,05 %
Bromide, chlorate and chloride (as Cl)	0,05 %
Iodide (I)	0,002 %

Order code	Package	Units/Box st.
211700.1211	1000 g	6

Sodium para-Periodate PA

$Na_3H_2IO_6$

M: 293,89 CAS: 13940-38-0 EINECS: 237-720-1 NC: 2829 90 80 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay (Iodom.)	99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO_3	0,01 %
Loss on drying at 110°C	0,2 %
Bromide, chlorate and chloride (as Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Iodide (I)	0,001 %
Mn	0,0005 %

Order code	Package	Units/Box st.
121672.1208	100 g	6
121672.1209	250 g	6
121672.1214	5 kg	4

Sodium Peroxide granulated PA-ACS

Na_2O_2

M: 77,98 CAS: 1313-60-6 EINECS: 215-209-4 NC: 2815 30 00 UN: 1504
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 512
Signal Word: Danger



H272-H314

SPECIFICATIONS:

Minimum assay (Perm.)	95,0 %

MAXIMUM LIMIT OF IMPURITIES

Nitrogen compounds (as N)	0,003 %
Chloride (Cl)	0,002 %
Phosphate (PO_4)	0,0005 %
Sulphate (SO_4)	0,001 %
Heavy metals (as Pb)	0,002 %
Cd	0,001 %
Co	0,001 %
Cr	0,001 %
Cu	0,001 %
Fe	0,002 %
K	0,05 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
131708.1208	100 g	6
131708.1209	250 g	6

Sodium Peroxide granulated PA

Na_2O_2

M: 77,98 CAS: 1313-60-6 EINECS: 215-209-4 NC: 2815 30 00 UN: 1504
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 512
Signal Word: Danger



H272-H314

SPECIFICATIONS:

Minimum assay (Perm.)	95,0 %

MAXIMUM LIMIT OF IMPURITIES

Nitrogen compounds (as N)	0,003 %
Chloride (Cl)	0,002 %
Phosphate (PO_4)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,002 %
Cd	0,002 %
Co	0,002 %
Cr	0,002 %
Cu	0,002 %
Fe	0,002 %
K	0,05 %
Ni	0,002 %
Pb	0,002 %
Zn	0,005 %

Order code	Package	Units/Box st.
121708.1208	100 g	6
121708.1209	250 g	6
121708.1214	5 kg	4

Sodium Peroxide, 95% granulated PS

Na_2O_2

M: 77,98 CAS: 1313-60-6 EINECS: 215-209-4 NC: 2815 30 00 UN: 1504
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 512
Signal Word: Danger



H272-H314

SPECIFICATIONS:
Minimum assay (Perm.) ..... 95 %

Order code	Package	Units/Box st.
161708.1208	100 g	6

Sodium Peroxodisulphate PRS

$Na_2S_2O_8$

M: 238,09 CAS: 7775-27-1 EINECS: 231-892-1 NC: 2833 40 00 UN: 1505
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272-H302-H334-H317

SPECIFICATIONS:
Assay (Iodom.) ..... 98 %*
Insoluble matter in H_2O ..... 0,05 %
Chlorine compounds (as Cl) ..... 0,05 %
Nitrogen compounds (as N) ..... 0,1 %
Ca ..... 0,01 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Mg ..... 0,01 %
Ni ..... 0,002 %
Pb ..... 0,002 %
*At the moment of the batch analysis

Order code	Package	Units/Box st.
143396.1210	500 g	6
143396.1211	1000 g	6
143396.1214	5 kg	4

Sodium Peroxydisulphate

(see Sodium Peroxodisulphate)

Sodium Persulphate

(see Sodium Peroxodisulphate)

Sodium tetra-Phenylborate (Reag. Ph. Eur.) PA-ACS

(KALIGNOST ®) (® Registered trade-mark of Heyl Co. Berlin)
$C_{24}H_{20}BNa$

M: 342,23 CAS: 143-66-8 EINECS: 205-605-5 NC: 2931 00 95

SPECIFICATIONS:
Minimum assay ..... 99,5 %
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,5 %
Sensitivity to K ..... p/t.

Order code	Package	Units/Box st.
132440.1605	10 g	6
132440.1606	25 g	6
132440.1608	100 g	6

di-Sodium Phenyl Phosphate 2-hydrate PA

for determination of phosphatase in milk
$Na_2C_6H_5PO_4.2H_2O$

M: 254,09 CAS: 3279-54-7 EINECS: 221-917-4 NC: 2919 90 90

SPECIFICATIONS:
Identity ..... IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,05 %
Loss on drying at 105°C ..... 15 %
Phenol ..... p/t.

Order code	Package	Units/Box st.
121674.1605	10 g	6
121674.1607	50 g	6

di-Sodium di-Phosphate

(see di-Sodium di-Hydrogen Pyrophosphate)

Sodium Phosphate mono-Basic

(see Sodium di-Hydrogen Phosphate)

tetra-Sodium di-Phosphate

(see tetra-Sodium Pyrophosphate)

Sodium Phosphate di-Basic

(see di-Sodium Hydrogen Phosphate)

Sodium Phosphate tri-Basic

(see tri-Sodium Phosphate)

tri-Sodium Phosphate 1-hydrate PRS

$Na_3PO_4.H_2O$

M: 181,15 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:
Assay (Acidim.) ..... 95 %
Insoluble matter in H_2O ..... 0,05 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,05 %
As ..... 0,0005 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141681.1210	500 g	6
141681.1211	1000 g	6
141681.0914	5 kg	

tri-Sodium Phosphate 12-hydrate (Reag. Ph. Eur.) PA-ACS

$Na_3PO_4.12H_2O$

M: 380,12 CAS: 10101-89-0 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:
Assay (Acidim.) 98,0-102,0%
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,01 %
Alkalinity (as NaOH) ..... 2,5 %
Nitrogen compounds (as N) ..... 0,001 %
Chloride (Cl) ..... 0,001 %
Sulphate (SO_4) ..... 0,01 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0005 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
131680.1210	500 g	6
131680.1211	1000 g	6
131680.0914	5 kg	
131680.0416	25 kg	

tri-Sodium Phosphate 12-hydrate PRS

$Na_3PO_4.12H_2O$

M: 380,12 CAS: 10101-89-0 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:
Assay (Acidim.) ..... 98 %
Insoluble matter in H_2O ..... 0,025 %
Nitrogen compounds (as N) ..... 0,005 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,03 %
As ..... 0,0005 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141680.1210	500 g	6
141680.1211	1000 g	6
141680.0914	5 kg	
141680.0416	25 kg	

tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO

$Na_3PO_4.12H_2O$

M: 380,12 CAS: 10101-89-0 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:
Assay (Na_3PO_4) calc. on ignited basis, not less than ..... 92,0 %
pH of 1% solution 11,5-12,0
P_2O_5 content (a.a.s.) ..... 40,5-43,5 %
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 10 ppm
Loss on ignition ..... 45,0-57,0 %
Insoluble substances, not more than ..... 0,2 %
Heavy metals (as Pb), not more than ..... 10 ppm
Cadmium, not more than ..... 1 ppm
Lead, not more than ..... 4 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2002/82/EC, F.C.C. 6

Order code	Package	Units/Box st.
201680.0914	5 kg	
201680.0416	25 kg	

Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX

$NaH_2PO_2.H_2O$

M: 105,99 CAS: 10039-56-2 EINECS: 231-669-9 NC: 2835 10 00

SPECIFICATIONS:

Assay (Iodom.) 99,0-103,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity ..... p/t.
Chloride (Cl) ..... 0,04 %
Phosphate, Phosphite ..... p/t.
Sulphate (SO_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,002 %
As ..... 0,0005 %
Ca ..... 0,02 %
Cu ..... 0,002 %
Fe ..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141697.1209	250 g (P)	6
141697.1211	1000 g (P)	6
141697.1214	5 kg (P)	4

Sodium Plumbite solution (Doctor solution) RE

sulphide reagent

NC: 3822 00 00 UN: 3266

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314-H360Df-H332-H302-H373-H411

1l~1,143kg 1kg~0,875l

SPECIFICATIONS:

Suitability as sulphide reagent ..... p/t.

Order code	Package	Units/Box st.
175506.1211	1000 ml (P)	6

Sodium Polyanetholesulphonate

(see Polyanetholesulphonic Acid Sodium Salt)

Sodium Poly meta-Phosphate

(see Sodium Polyphosphate)

Sodium Polyphosphate PRS

$(NaPO_3)_n$

CAS: 50813-16-6 EINECS: 233-343-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (as P_2O_5)(Acidim.) ..... 65-70 %
Insoluble matter in H_2O ..... 0,01 %
Chloride (Cl) ..... 0,03 %
Sulphate (SO_4) ..... 0,1 %
As ..... 0,0002 %
Cu ..... 0,0025 %
Fe ..... 0,01 %
Ni ..... 0,0025 %
Pb ..... 0,0025 %

Order code	Package	Units/Box st.
141684.1210	500 g (P)	6
141684.1211	1000 g (P)	6
141684.1214	5 kg (P)	4
141684.0416	25 kg (PP)	

Sodium Polyphosphate (E-452i, F.C.C.) ADITIO

$(NaPO_3)_n$

CAS: 50813-16-6 EINECS: 233-343-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (as P_2O_5) calculated on ignited basis ..... 60,5-70,6 %
Arsenic (as As), not more than ..... 3 ppm
Fluoride, not more than ..... 10 ppm
Insoluble matter in water, not more than ..... 0,1 %
Loss on heating, not more than ..... 1 %
pH of 1% 3,6-9,0
Lead, not more than ..... 4 ppm
Mercury, not more than ..... 1 ppm
Cadmium, not more than ..... 1 ppm
Specifications Directive 2002/82/EC, F.C.C. 6

Order code	Package	Units/Box st.
201684.1214	5 kg (P)	4
201684.0416	25 kg (PP)	

Sodium Propanedionate

(see Sodium Malonate)

Sodium Propionate (USP-NF) PRS-CODEX

CH_3CH_2COONa

M: 96,06 CAS: 137-40-6 EINECS: 205-290-4 NC: 2915 50 00

Signal Word: Warning



H312

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Alkalinity ..... p/t.
Water (H_2O) ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Heavy metals (as Pb) ..... 0,001 %

Order code	Package	Units/Box st.
143473.1209	250 g (P)	6
143473.1211	1000 g (P)	6

tetra-Sodium Pyrophosphate anhydrous PRS

$Na_4P_2O_7$

M: 265,91 CAS: 7722-88-5 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.) ..... 99 %
pH of 5% solution 9,5-10,7
Insoluble matter in H_2O ..... 0,05 %
Chloride (Cl) ..... 0,1 %
Nitrate (NO_3) ..... 0,02 %
As ..... 0,001 %
Ca ..... 0,1 %
Cu ..... 0,003 %
Fe ..... 0,003 %
Mg ..... 0,1 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141711.1210	500 g (P)	6
141711.1211	1000 g (P)	6
141711.0914	5 kg (PP)	
141711.0416	25 kg (C)	

tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO

$Na_4P_2O_7$

M: 265,91 CAS: 7722-88-5 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay ($Na_4P_2O_7$) calc. on ignited basis 95,0-100,5%
Arsenic (as As), not more than ..... 3 ppm
Insoluble substances, not more than ..... 0,2 %
Loss on ignition, not more than ..... 0,5 %
P_2O_5 content ..... 52,5-54,0 %
pH of 1% 9,9-10,7
Fluoride, not more than ..... 10 ppm
Lead, not more than ..... 4 ppm
Cadmium, not more than ..... 1 ppm
Mercury, not more than ..... 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201711.0914	5 kg (PP)	

tetra-Sodium Pyrophosphate 10-hydrate PA

$Na_4P_2O_7.10H_2O$

M: 446,06 CAS: 13472-36-1 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99,0 %
pH of 5% solution 9,5-10,7

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Carbonate ..... p/t.
Chloride (Cl) ..... 0,005 %
Nitrate (NO_3) ..... 0,003 %
Sulphate (SO_4) ..... 0,005 %
As ..... 0,0003 %
Ca ..... 0,01 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
121710.1210	500 g (P)	6
121710.1211	1000 g (P)	6
121710.1214	5 kg (P)	4
121710.0416	25 kg (PP)	

tetra-Sodium Pyrophosphate 10-hydrate PRS

$Na_4P_2O_7.10H_2O$

M: 446,06 CAS: 13472-36-1 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	9,5-10,7
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,01 %
Nitrate (NO_3)	0,01 %
Sulphate (SO_4)	0,05 %
As	0,001 %
Ca	0,05 %
Cu	0,003 %
Fe	0,003 %
Mg	0,05 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141710.1210	500 g	6
141710.1211	1000 g	6
141710.1214	5 kg	4
141710.0416	25 kg	

tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO

$Na_4P_2O_7.10H_2O$

M: 446,06 CAS: 13472-36-1 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay ($Na_4P_2O_7$) calulated on ignited basis	95,0-100,5%
Arsenic (as As), not more than	3 ppm
Insoluble substances, not more than	0,2 %
Loss on ignition	38,0-42,0 %
P_2O_5 content calculated on ignited basis	52,5-54,0 %
pH of 1%	9,9-10,7
Fluoride, not more than	10 ppm
Cadmium, not more than	1 ppm
Mercury, not more than	1 ppm
Lead, not more than	4 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201710.1214	5 kg	4
201710.0416	25 kg	

Sodium Pyrophosphate di-Basic

(see di-Sodium di-Hydrogen Pyrophosphate)

Sodium Pyrophosphate tetra-Basic

(see tetra-Sodium Pyrophosphate)

Sodium Pyrosulphite

(see Sodium Disulphite)

Sodium Rhodanide

(see Sodium Thiocyanate)

Sodium Salicylate PA

$C_7H_5NaO_3$

M: 160,11 CAS: 54-21-7 EINECS: 200-198-0 NC: 2918 21 00

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) a.d.s.	99,5 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,02 %
Loss on drying at 105°C	0,2 %
Chloride (Cl)	0,002 %
Heavy metals (as Pb)	0,001 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,001 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
121859.1209	250 g	6
121859.1211	1000 g	6
121859.0914	5 kg	
121859.0416	25 kg	

Sodium Salicylate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_7H_5NaO_3$

M: 160,11 CAS: 54-21-7 EINECS: 200-198-0 NC: 2918 21 00

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s	99,5-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	0,5 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity	p/t.
Chloride (Cl)	0,02 %
Sulphate (SO_4)	0,06 %
Sulphite and thiosulphate	p/t.
Heavy metals (as Pb)	0,002 %

Order code	Package	Units/Box st.
141859.1209	250 g	6
141859.1211	1000 g	6
141859.0914	5 kg	

Sodium Salicylate, 99% PS

$C_7H_5NaO_3$

M: 160,11 CAS: 54-21-7 EINECS: 200-198-0 NC: 2918 21 00

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay	99 %

Order code	Package	Units/Box st.
151859.1604	5 g	6
151859.1609	250 g	6
151859.1611	1000 g	6

Sodium Selenite anhydrous PRS

Na_2SeO_3

M: 172,94 CAS: 10102-18-8 EINECS: 233-267-9 NC: 2842 90 10 UN: 2630

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger

H331-H300-EUH031-H317-H411

SPECIFICATIONS:

Assay (Iodom.)	98 %
Appearance	p/t
Indentity:	
Selenite	p/t.
Sodium	p/t.
Insoluble matter in H_2O	0,05 %
Chloride (Cl)	0,05 %
Seleniate and sulphate (as SO_4)	0,2 %
Fe	0,005 %

Order code	Package	Units/Box st.
142756.1208	100 g	6
142756.1209	250 g	6
142756.1214	5 kg	4

Sodium Selenite anhydrous (BP) CODEX

Na_2SeO_3

M: 172,94 CAS: 10102-18-8 EINECS: 233-267-9 NC: 2842 90 10 UN: 2630

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger

H331-H300-EUH031-H317-H411

SPECIFICATIONS:

Assay (as Se) calc. a.d.s.	44,0-46,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Clarity of solution	p/t.
Loss on drying at 105°C	1,0 %
Alkalinity	p/t.
Chloride (Cl)	0,1 %
Sulphate (SO_4)	0,2 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
192756.1211	1000 g	6
192756.1214	5 kg	4

Sodium Silicate neutral solution QP

Na_2SiO_3

M: 122,07 CAS: 1344-09-8 EINECS: 215-687-4 NC: 2839 19 00

Signal Word: Warning



H319-H335-H315

1l~1,365kg 1kg~0,733l

SPECIFICATIONS:

pH of 5% solution	≤11,5
Density at 20/4	1,350-1,380
Cu	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211714.1211	1000 ml	6
211714.1212	2,5 l	4
211714.1214	5 l	4
211714.0716	25 l	

Sodium Stannate 3-hydrate PRS

$Na_2SnO_3.3H_2O$

M: 266,71 CAS: 12209-98-2 EINECS: 234-724-5 NC: 2841 90 85

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Sn)	42 %
Total alkalinity (as NaOH)	29,0-32,5 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142970.1210	500 g	6
142970.1214	5 kg	4

Sodium Stearate PRS

$C_{18}H_{35}NaO_2$

M: 306,46 CAS: 822-16-2 EINECS: 212-490-5 NC: 2915 70 30

SPECIFICATIONS:

Assay (as Na)	7,4-7,8 %
Loss on drying at 105°C	3 %
Free acidity (as Stearic Acid)	1 %

Order code	Package	Units/Box st.
145522.1211	1000 g	6
145522.0914	5 kg	

Sodium Stearate (E-470a) ADITIO

$C_{18}H_{35}NaO_2$

M: 306,46 CAS: 822-16-2 EINECS: 212-490-5 NC: 2915 70 30

SPECIFICATIONS:

Minimum assay calc. a.a.s.	95 %
Sodium (as Na_2O)	9-14 %
Unsaponifiable matter, not more than	2 %
Free fat acids (as Oleic Ac.), not more than	3 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm
Heavy metals (as Pb), not more than	10 ppm
Free alkali (as NaOH), not more than	0,1 %
Insoluble matter in alcohol, not more than	0,2 %

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
205522.0914	5 kg	
205522.0416	25 kg	

Sodium Succinate 6-hydrate PA

$(CH_2COONa)_2.6H_2O$

M: 270,15 CAS: 6106-21-4 EINECS: 205-778-7 NC: 2917 19 90

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
Identity	IR p/t.
pH of 5% solution	8,2-9,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 120°C	39-41 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,001 %
As	0,0001 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,05 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0002 %

Order code	Package	Units/Box st.
122052.1210	500 g	6
122052.1211	1000 g	6
122052.0914	5 kg	

Sodium Succinate anhydrous PRS

$C_4H_4Na_2O_4$

M: 162,06 CAS: 150-90-3 EINECS: 205-778-7 NC: 2917 19 90

SPECIFICATIONS:

Assay (Perchl. Ac.)	99 %
Identity	IR p/t.
Insoluble matter in H_2O	0,01 %
Loss on drying at 120°C	0,3 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
143578.1210	500 g	6
143578.1214	5 kg	4

Sodium Sulphate anhydrous, granulated (PAR) PAI

Na_2SO_4

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Minimum assay	99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on ignition at 800°C	0,2 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l
Granular size:	
Less than 0,25 mm	20 %

Order code	Package	Units/Box st.
325708.1611	1000 g	6

Sodium Sulphate anhydrous, powder (PAR) PAI

Na_2SO_4

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Minimum assay	99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on ignition at 800°C	0,2 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l
Granular size:	
More than 0,75 mm	5 %

Order code	Package	Units/Box st.
325709.1611	1000 g	6
325709.1612	2,5 kg	6

Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO

Na_2SO_4

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Minimum assay	99,0 %
pH of 5% solution	5,2-8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on ignition at 800°C	0,5 %
Chloride (Cl)	0,001 %
Nitrogen compounds (as N)	0,0005 %
Phosphate (PO_4)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cr	10	Pb	5
Al	5	Cu	5	Pt	5
Au	5	Fe	5	Sb	5
B	5	Ga	5	Se	5
Ba	5	In	5	Si	5
Be	5	K	20	Sr	5
Bi	5	Mg	50	Ti	5
Ca	100	Mn	5	V	5
Cd	5	Mo	5	Zr	5
Co	5	Ni	5		

Order code	Package	Units/Box st.
131716.1210	500 g	6
131716.1211	1000 g	6
131716.1214	5 kg	4
131716.0416	25 kg	

Sodium Sulphate anhydrous PRS

Na_2SO_4

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,01 %
Nitrogen compounds (as N)	0,005 %
Phosphate (PO_4)	0,005 %
As	0,0002 %
Ca	0,03 %
Cu	0,002 %
Fe	0,002 %
Mg	0,03 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141716.1210	500 g	6
141716.1211	1000 g	6
141716.1214	5 kg	4
141716.0416	25 kg	

Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) CODEX

Na_2O_4S

Na_2SO_4

M.= 142,04 CAS [7757-82-6] EINECS 231-820-9

NC: 2833 11 00 E -514

SPECIFICATIONS:

Assay (calc. a.d.s.)	99,0-101,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Appearance of solution	p/t.
Loss on drying	0,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Acidity or Alkalinity	p/t.
Reducing substances to $KMnO_4$	p/t.
Chloride (Cl)	0,02 %
Heavy metals (as Pb)	0,001 %
Ca	0,045 %
Fe	0,009 %
Mg	0,02 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
191716.1214	5 kg	4
191716.0416	25 kg	

Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO

Na_2SO_4

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Assay (Na_2SO_4) after drying	99,0-100,5%
Appearance	p/t
Identity:	
Sulphate.	p/t.
Sodium	p/t.
Acidity 5% solution neutral or slightly alkaline	p/t.
Loss on drying, not more than	1,0 %
Selenium, not more than	0,003 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201716.1214	5 kg	4
201716.0416	25 kg	

Sodium Sulphate anhydrous, 99% PS

Na_2SO_4

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Assay (calc. a.d.s.)	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151716.1210	500 g	6
151716.0914	5 kg	4

Sodium Sulphate 10-hydrate (Reag. USP) PA-ACS

$Na_2SO_4.10H_2O$

M: 322,19 CAS: 7727-73-3 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Minimum assay	99,0 %
pH of 5% solution	5,2-8,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,0005 %
Nitrogen compounds (as N)	0,0003 %
Phosphate (PO_4)	0,0005 %
Heavy metals (as Pb)	0,0003 %
As	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cr	5	Mo	5
Al	5	Cu	5	Ni	5
Ba	5	Fe	5	Pb	3
Bi	5	K	20	Sr	5
Ca	20	Li	20	Tl	5
Cd	5	Mg	10	Zn	5
Co	5	Mn	5		

Order code	Package	Units/Box st.
131715.1210	500 g	6
131715.1211	1000 g	6
131715.1214	5 kg	4
131715.0416	25 kg	

Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$Na_2SO_4.10H_2O$

M: 322,19 CAS: 7727-73-3 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Assay (calc. a.a.s.)	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	5,2-9,2

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying at 130°C	52,0-57,0 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity or Alkalinity	p/t.
Chloride (Cl)	0,01 %
Nitrogen compounds (as N)	0,003 %
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Ca	0,01 %
Fe	0,002 %
Mg	0,01 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141715.1210	500 g	6
141715.1211	1000 g	6
141715.1214	5 kg	4
141715.0416	25 kg	

Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO

$Na_2SO_4.10H_2O$

M: 322,19 CAS: 7727-73-3 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Assay (Na_2SO_4) after drying	99,0-100,5%
Loss on drying	51,0-57,0 %
Selenium, not more than	0,003 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201715.1214	5 kg	4
201715.0416	25 kg	

Sodium Sulphide x-hydrate QP

$Na_2S.xH_2O$

M: 78,04(anh.) CAS: 1313-84-4 EINECS: 215-211-5 NC: 2830 10 00 UN: 1849

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H311-EUH031-H314-H400

SPECIFICATIONS:

Assay (as Na_2S) (Iodom.)	30 %
Nitrogen compounds (as N)	0,01 %

Order code	Package	Units/Box st.
211682.1610	500 g	6
211682.1214	5 kg	4

Sodium Sulphite anhydrous PA-ACS

Na_2SO_3

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Minimum assay (Iodom.)	98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Acidity	p/t.
Alkalinity	0,03 meq/g
Chloride (Cl)	0,01 %
Thiosulphate	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,013 %
Cu	0,001 %
Fe	0,001 %
K	0,05 %
Mg	0,013 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131717.1210	500 g (P)	6
131717.1211	1000 g (P)	6
131717.1214	5 kg (P)	4
131717.0416	25 kg (PP)	

Sodium Sulphite anhydrous PRS

Na_2SO_3

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Assay (Iodom.)	95 %
Insoluble matter in H_2O	0,025 %
Alkalinity	0,05 meq/g
Chloride (Cl)	0,05 %
As	0,0001 %
Ca	0,05 %
Cu	0,003 %
Fe	0,003 %
Mg	0,05 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141717.1210	500 g (P)	6
141717.1211	1000 g (P)	6
141717.1214	5 kg (P)	4
141717.0416	25 kg (PP)	

Sodium Sulphite anhydrous (RFE, BP, Ph. Eur.) CODEX

Na_2SO_3

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Assay (Iodom.)	95,0-100,5%
Identity according to Pharmacopoieas	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Thiosulphate	0,1 %
Heavy metals (as Pb)	0,001 %
Fe	0,001 %
Se	0,001 %
Zn	0,0025 %

Order code	Package	Units/Box st.
191717.1211	1000 g (P)	6
191717.1214	5 kg (P)	4
191717.0416	25 kg (PP)	

Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO

for treatment of water intended for human consumption

Na_2SO_3

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Assay (as Na_2SO_3), not less than	95,0 %
Assay (as SO_2), not less than	48,0 %
Appearance	p/t.
Apparent density	1,2-1,5 g/ml
pH of saturated solution	9,7-10,2
pH of 10% solution	8,5-11,5
Sodium Sulphate, not more than	5 %
Arsenic (as As), not more than	1 ppm
Iron, not more than	25 ppm
Lead, not more than	2 ppm
Selenium, not more than	1 ppm
Heavy metals (as Pb), not more than	10 ppm
Thiosulphate, not more than	0,05 %
Mercury (Hg), not more than	0,5 ppm
Antimony, not more than	2 ppm
Cadmium, not more than	1 ppm
Chromium, not more than	1 ppm
Nickel, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, UNE-EN 12124

Order code	Package	Units/Box st.
201717.1214	5 kg (P)	4
201717.0416	25 kg (PP)	

Sodium Sulphocyanide

(see Sodium Thiocyanate)

Sodium Sulphoxylate

(see Sodium Dithionite)

Sodium Tartrate anhydrous PA

$Na_2(COO)_2(CHOH)_2$

M: 194,06 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
pH of 5% solution	7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 150°C	0,5 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,005 %
Ammonium (NH_4)	0,003 %
As	0,00005 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,001 %
K	0,002 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121720.1210	500 g (P)	6
121720.1211	1000 g (P)	6
121720.0914	5 kg (PP)	

Sodium Tartrate 2-hydrate EQP-ACS

Primary Chemical Matter

$Na_2(COO)_2(CHOH)_2.2H_2O$

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	99,0-101,0%
pH of 5% solution	7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Loss on drying at 150°C	15,66 ±0,05 %
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,0005 %
Sulphate (SO_4)	0,002 %
Ammonium (NH_4)	0,003 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,002 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
241719.1521	10 x 1,5 g	6
241719.1608	100 g	6

Sodium Tartrate 2-hydrate (Reag. Ph. Eur.) PA

$Na_2(COO)_2(CHOH)_2.2H_2O$

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	99,0-101,0%
pH of 5% solution	7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl)	0,0005 %
Phosphate (PO_4)	0,0005 %
Sulphate (SO_4)	0,002 %
Ammonium (NH_4)	0,003 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,002 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121719.1210	500 g (P)	6
121719.1211	1000 g (P)	6
121719.0914	5 kg (PP)	
121719.0416	25 kg (PP)	

Sodium Tartrate 2-hydrate PRS

$Na_2(COO)_2(CHOH)_2.2H_2O$

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	99,0 %
pH of 5% solution	7-9
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,005 %
Phosphate (PO_4)	0,005 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,005 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141719.1210	500 g P	6
141719.1211	1000 g P	6
141719.0914	5 kg PP	
141719.0416	25 kg PP	

Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO

$Na_2(COO)_2(CHOH)_2.2H_2O$

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay ($C_4H_4Na_2O_6$) after drying	99,0-100,5%
pH of 1% solution	7,0-7,5
Arsenic (as As), not more than	3 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	10 ppm
Oxalate (as oxalic acid) a.a.s., not more than	0,01 %
Loss on drying	14,0-17,0 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201719.0914	5 kg PP	
201719.0416	25 kg PP	

di-Sodium Tetraborate

(see di-Sodium tetra-Borate)

Sodium Tetrahydroborane

(see Sodium Borohydride)

Sodium Tetraphenylborate

(see Sodium tetra-Phenylborate)

Sodium Thiocyanate PA-ACS

NaSCN

M: 81,07 CAS: 540-72-7 EINECS: 208-754-4 NC: 2842 90 80

Signal Word: Warning

H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Minimum assay (Arg)	98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Carbonate (as Na_2CO_3)	0,2 %
Iodine-reducing substances (as I)	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Sulphide (S)	0,001 %
Ammonium (NH_4)	0,002 %
Heavy metals (as Pb)	0,0005 %
Cu	0,0005 %
Fe	0,0002 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131718.1210	500 g P	6
131718.1211	1000 g P	6
131718.0914	5 kg PP	
131718.0416	25 kg PP	

Sodium Thiocyanate PRS

NaSCN

M: 81,07 CAS: 540-72-7 EINECS: 208-754-4 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Assay (Arg.)	98 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,03 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141718.1210	500 g P	6
141718.1211	1000 g P	6
141718.0914	5 kg PP	
141718.0416	25 kg PP	

Sodium Thiocyanate 0,1 mol/l (0,1N) SV

Indicator: Alum Iron Ammonium

NaSCN

M: 81,07 CAS: 540-72-7 EINECS: 208-754-4 NC: 2842 90 80

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182292.1211	1000 ml P	6

Sodium Thiosulphate anhydrous PA

$Na_2S_2O_3$

M: 158,13 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2842 90 80

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
pH of 5% solution	6,0-8,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	1 %
Chloride (Cl)	0,05 %
Sulphate and Sulphite (as SO_4)	0,5 %
Sulphide (S)	0,0005 %
Ca	0,004 %
Cd	0,001 %
Co	0,001 %
Cu	0,001 %
Fe	0,001 %
K	0,01 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
121879.1209	250 g P	6
121879.1211	1000 g P	6
121879.0914	5 kg PP	

Sodium Thiosulphate 5-hydrate PA-ACS

$Na_2S_2O_3.5H_2O$

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Assay (Iodom.)	99,5-101,0%
pH of 5% solution	6,0-8,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,02 %
Sulphate and Sulphite (as SO_4)	0,1 %
Sulphide (S)	0,0001 %
Heavy metals (as Pb)	0,0005 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,001 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131721.1210	500 g P	6
131721.1211	1000 g P	6
131721.1214	5 kg P	4
131721.0416	25 kg PP	

Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$Na_2S_2O_3.5H_2O$

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Assay (Iodom.)	99,0-100,5%
Identity according to Pharmacopoeias	p/t.
pH of 10% solution	6,0-8,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying	32,0-37,0 %
Residual solvents (Ph.Eur./USP)	p/t
Nitrogen compounds (as N)	0,01 %
Chloride (Cl)	0,02 %
Sulphate and Sulphite (as SO_4)	0,2 %
Sulphide (S)	p/t.
Heavy metals (as Pb)	0,001 %
As	0,0003 %
Ca	p/t.
Cu	0,001 %
Fe	0,001 %
Mg	0,01 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141721.1210	500 g	6
141721.1211	1000 g	6
141721.1214	5 kg	4
141721.0416	25 kg	

Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO

$Na_2S_2O_3.5H_2O$

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Assay (as $Na_2O_3S_2$) after drying	99,0-100,5%
Lead, not more than	2 ppm
Selenium, not more than	0,003 %
Water	32,0-37,0 %

Specifications F.C.C. 6

Order code	Package	Units/Box st.
201721.1214	5 kg	4
201721.0416	25 kg	

SODIUM THIOSULPHATE VOLUMETRIC SOLUTIONS

Sodium Thiosulphate 0,01 mol/l (0,01N) SV

Indicator: Starch.

$Na_2S_2O_3$

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182577.1211	1000 ml	6

Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV

$Na_2S_2O_3$

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182914.1214	5 l	4

Sodium Thiosulphate 0,05 mol/l (0,05N) SV

Indicator: Starch

$Na_2S_2O_3$

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l~1,007kg 1kg~0,993l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
182160.1211	1000 ml	6

Sodium Thiosulphate 0,1 mol/l (0,1N) SV

Indicator: Starch

$Na_2S_2O_3$

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l~1,012kg 1kg~0,988l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181723.1211	1000 ml	6
181723.1212	2,5 l	4
181723.1315	10 l	(*)

Sodium Thiosulphate 0,1 mol (24,818g $Na_2S_2O_3.5H_2O$) to prepare 1l of 0,1N solution SVc

$Na_2S_2O_3.5H_2O$

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Titer	1,000 ±0,002

Order code	Package	Units/Box st.
303127.1920	1 ampoule	6

Sodium Thiosulphate 0,2 mol/l (0,2N) SV

Indicator: Starch

$Na_2S_2O_3$

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

1l~1,02kg 1kg~0,98l

Titer	1,000±0,001

Order code	Package	Units/Box st.
183489.1212	2,5 l	4

Sodium Thiosulphate 1 mol/l (1N) SV

Indicator: Starch

$Na_2S_2O_3$

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l~1,121kg 1kg~0,892l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
181722.1211	1000 ml	6

Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT

for determination of reducing sugars in wine, according to Rebelein method.

Indicator: Starch (see also Rebelein's Kit)

$Na_2S_2O_3$

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l~1,016kg 1kg~0,984l

SPECIFICATIONS:

Titer	1,000±0,001

Order code	Package	Units/Box st.
624576.1211	1000 ml	6

Sodium Tosylchloramide

(see Chloramine T 3-hydrate)

Sodium Tungstate 2-hydrate (Reag. Ph. Eur.) PA-ACS

$Na_2WO_4.2H_2O$

M: 329,86 CAS: 10213-10-2 EINECS: 236-743-4 NC: 2841 80 00

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Compl.)	99,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Alkalinity	0,02 meq/g
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,001 %
As	0,0005 %
Fe	0,001 %
Mo	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131724.1208	100 g	6
131724.1209	250 g	6
131724.1211	1000 g	6
131724.1214	5 kg	4

(*) Sol-Pack pack with tap

Sodium Tungstate 2-hydrate PRS

$Na_2WO_4.2H_2O$

M: 329,86 CAS: 10213-10-2 EINECS: 236-743-4 NC: 2841 80 00

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Compl.)	98,0 %
Insoluble matter in H_2O	0,02 %
Alkalinity	0,05 meq/g
Chloride (Cl)	0,02 %
Ammonium (NH_4)	0,005 %
Sulphate (SO_4)	0,05 %
As	0,0005 %
Fe	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141724.1208	100 g	6
141724.1209	250 g	6
141724.1211	1000 g	6
141724.1214	5 kg	4

Sodium Wolframate

(see Sodium Tungstate 2-hydrate)

Solvent Black 3

(see Sudan Black B)

Solvent Red 23

(see Sudan III)

Solvent Red 24

(see Sudan IV)

Solvent Yellow 2

(see 4-(Dimethylamino) Azobenzene)

Solvent Yellow 94

(see Fluorescein)

Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_6H_8O_2$

M: 112,13 CAS: 110-44-1 EINECS: 203-768-7 NC: 2916 19 30

Signal Word: Warning

H319-H335

SPECIFICATIONS:

Assay ($C_6H_8O_2$) calc. a.d.s.	99,0-101,0%
Identity according to Pharmacopoeias	p/t.
Melting range	132-135°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in CH_3CH_2OH	p/t.
Residue on ignition (as SO_4)	0,2 %
Aldehydes (as C_2H_4O)	0,15 %
Residual solvents (Ph.Eur./USP)	p/t.
Sulphate (SO_4)	0,005 %
Water (H_2O)	0,5 %
Heavy metals (as Pb)	0,001 %
As	0,0003 %

Order code	Package	Units/Box st.
141055.1209	250 g	6
141055.1210	500 g	6
141055.0914	5 kg	
141055.0416	25 kg	

Sorbic Acid (E-200, F.C.C.) ADITIO

$C_6H_8O_2$

M: 112,13 CAS: 110-44-1 EINECS: 203-768-7 NC: 2916 19 30

Signal Word: Warning

H319-H335

SPECIFICATIONS:

Assay ($C_6H_8O_2$) calculated on the anhy. basis	99,0-101,0%
Arsenic (as As), not more than	3 ppm
Melting range	133-135°C
Residue on ignition, not more than	0,2 %
Water, not more than	0,5 %
Aldehydes (as formaldehyde), not more than	0,1 %
Heavy metals (as Pb), not more than	10 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201055.0914	5 kg	

Sorbitan Laurate

(see Sorbitan Monolaurate)

Sorbitan Monododecanoate

(see Sorbitan Monolaurate)

Sorbitan Monohexadecanoate

(see Sorbitan Monopalmitate)

Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX

$C_{18}H_{34}O_6$

M: 346,52 CAS: 1338-39-2 EINECS: 215-663-3 NC: 2932 19 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Assay (as fatty acids)	55,0-63,0 %
Assay (as polyols)	39,0-45,0 %
Identity according to Pharmacopoeias	p/t.
Hydroxyl value	330-358
Saponification value	158-170

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0,5 %
Composition of fatty acids	p/t.
Acidity value	7,0
Peroxide value	5,0
Iodine value	10
Residual solvents (Ph.Eur./USP)	p/t.
Water (H_2O)	1,5 %
Heavy metals (as Pb)	0,001 %

Order code	Package	Units/Box st.
146101.1611	1000 ml	6
146101.1214	5 l	4
146101.0716	25 l	

Sorbitan Monolaurate PS

$C_{18}H_{34}O_6$

M: 346,52 CAS: 1338-39-2 EINECS: 215-663-3 NC: 2932 19 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Identity	IR p/t.
Hydroxyl value	330-358
Saponification value	158-170

Order code	Package	Units/Box st.
156101.1608	100 ml	6
156101.1610	500 ml	6

(Z)-Sorbitan Mono-9-Octadecenoate

(see Sorbitan Monooleate)

Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX

$C_{24}H_{44}O_6$

M: 428,68 CAS: 1338-43-8 EINECS: 215-665-4 NC: 2932 19 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Assay (as fatty acids)	72,0-78,0 %
Assay (as polyols)	25,0-31,0 %
Identity according to Pharmacopoeias	p/t.
Hydroxyl value	190-210
Saponification value	145-160
Iodine value	62-76

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0,5 %
Composition of fatty acids	p/t.
Acidity value	8,0
Peroxide value	10,0
Residual solvents (Ph.Eur./USP)	p/t.
Water (H_2O)	1,0 %
Heavy metals (as Pb)	0,001 %

Vegetable origin.
Non-added antioxidants.

Order code	Package	Units/Box st.
146094.1611	1000 ml	6
146094.1214	5 l	4
146094.0716	25 l	

Sorbitan Monooleate PS

$C_{24}H_{44}O_6$

M: 428,68 CAS: 1338-43-8 EINECS: 215-665-4 NC: 2932 19 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Identity	IR p/t.
Hydroxyl value	190-210
Saponification value	145-160

Order code	Package	Units/Box st.
156094.1608	100 ml	6
156094.1610	500 ml	6

Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX

$C_{22}H_{42}O_6$

M: 402,64 CAS: 26266-57-9 EINECS: 247-568-8 NC: 2932 19 00

SPECIFICATIONS:

Assay (as fatty acids)....63,0-71,0 %
Assay (as polyols)....32,0-38,0 %
Identity according to Pharmacopoeias .... p/t.
Hydroxyl value.... 275-305
Saponification value.... 140-150

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition....0,5 %
Composition of fatty acids .... p/t.
Acidity value....8,0
Peroxide value....5,0
Residual solvents (Ph.Eur./USP).... p/t.
Water (H_2O)....1,5 %
Heavy metals (as Pb)....0,001 %

Order code	Package	Units/Box st.
146092.1211	1000 g P	6
146092.0914	5 kg PP	
146092.0416	25 kg PP	

Sorbitan Monopalmitate PS

$C_{22}H_{42}O_6$

M: 402,64 CAS: 26266-57-9 EINECS: 247-568-8 NC: 2932 19 00

SPECIFICATIONS:

Identity....IR p/t.
Hydroxyl value.... 275-305
Saponification value.... 140-150

Order code	Package	Units/Box st.
156092.1208	100 g P	6
156092.1210	500 g P	6

Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX

$C_{24}H_{46}O_6$

M: 430,70 CAS: 1338-41-6 EINECS: 215-664-9 NC: 2932 19 00

SPECIFICATIONS:

Assay (as fatty acids)....68,0-76,0 %
Assay (as polyols)....27,0-34,0 %
Identity according to Pharmacopoeias .... p/t.
Hydroxyl value.... 235-260
Saponification value.... 147-157

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition....0,5 %
Composition of fatty acids .... p/t.
Acidity value....10,0
Peroxide value....5,0
Residual solvents (Ph.Eur./USP).... p/t.
Water (H_2O)....1,5 %
Heavy metals (as Pb)....0,001 %
Type I according to Ph. Eur.

Order code	Package	Units/Box st.
146102.1211	1000 g P	6
146102.0914	5 kg PP	
146102.0416	25 kg PP	

Sorbitan Monostearate PS

$C_{24}H_{46}O_6$

M: 430,70 CAS: 1338-41-6 EINECS: 215-664-9 NC: 2932 19 00

SPECIFICATIONS:

Identity....IR p/t.
Hydroxyl value.... 235-260
Saponification value.... 147-157

Order code	Package	Units/Box st.
156102.1208	100 g P	6
156102.1210	500 g P	6

Sorbitan Oleate

(see Sorbitan Monooleate)

Sorbitan Palmitate

(see Sorbitan Monopalmitate)

Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX

$C_{66}H_{108}O_{13}$

M: 1109,56 CAS: 8007-43-0 EINECS: 232-360-1 NC: 2932 19 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Assay (as fatty acids)....74,0-80,0 %
Assay (as polyols)....22,0-28,0 %
Identity according to Pharmacopoeias .... p/t.
Hydroxyl value.... 182-215
Saponification value.... 145-165
Iodine value 70-75

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition....0,5 %
Residual solvents (Ph.Eur./USP).... p/t.
Composition of fatty acids .... p/t.
Acid value....14
Peroxide value....10,0
Water (H_2O)....1,0 %
Heavy metals (as Pb)....0,001 %
Vegetable origin.
Non-added antioxidants.

Order code	Package	Units/Box st.
146156.1611	1000 ml	6
146156.1214	5 l P	4
146156.0716	25 l P	

Sorbitan Sesquioleate PS

$C_{66}H_{108}O_{13}$

M: 1109,56 CAS: 8007-43-0 EINECS: 232-360-1 NC: 2932 19 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Identity....IR p/t.
Hydroxyl value.... 182-220
Saponification value.... 143-165

Order code	Package	Units/Box st.
156156.1608	100 ml	6
156156.1610	500 ml	6

Sorbitan Stearate

(see Sorbitan Monostearate)

(Z,Z,Z)-Sorbitan Tri-9-Octadecenoate

(see Sorbitan Trioleate)

Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX

$C_{60}H_{108}O_8$

M: 957,51 CAS: 26266-58-0 EINECS: 247-569-3 NC: 2932 19 00

1l~0,98kg 1kg~1,02l

SPECIFICATIONS:

Assay (as fatty acids)....85,5-90,0 %
Assay (as polyols)....13,0-19,0 %
Identity according to Pharmacopoeias .... p/t.
Hydroxyl value.... 55-75
Saponification value.... 170-183
Iodine value 77-85

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition....0,25 %
Residual solvents (Ph.Eur./USP).... p/t.
Composition of fatty acids .... p/t.
Acid value....16,0
Peroxide value....10,0
Water (H_2O)....0,7 %
Heavy metals (as Pb)....0,001 %
Vegetable origin.
Non-added antioxidants.

Order code	Package	Units/Box st.
146157.1611	1000 ml	6
146157.1214	5 l P	4
146157.0716	25 l P	

Sorbitan Trioleate PS

$C_{60}H_{108}O_8$

M: 957,51 CAS: 26266-58-0 EINECS: 247-569-3 NC: 2932 19 00

1l~0,98kg 1kg~1,02l

SPECIFICATIONS:

Identity....IR p/t.
Hydroxyl value.... 55-75
Saponification value.... 172-183

Order code	Package	Units/Box st.
156157.1608	100 ml	6
156157.1610	500 ml	6

Sorbitan Tristearate PS

$C_{60}H_{114}O_8$

M: 963,56 CAS: 26658-19-5 EINECS: 247-891-4 NC: 2932 19 00

SPECIFICATIONS:

Identity ..... IR p/t.
Hydroxyl value 66-80
Saponification value 176-188

Order code	Package	Units/Box st.
156093.1208	100 g P	6
156093.1210	500 g P	6

D(-)-Sorbite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_6H_{14}O_6$

M: 182,17 CAS: 50-70-4 EINECS: 200-061-5 NC: 2905 44 91

SPECIFICATIONS:

Assay 98,0-100,5%
Identity according to Phamacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=10 (in $B_4O_7Na_2.10H_2O$ 12,8%) ..... +4,0 to +7,0°
pH of 10% w/w solution 3,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Conductivity of 20% sol. at 20°C ..... 20 $\mu S.cm^{-1}$
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Acidity or alkalinity ..... p/t.
Reducing sugars (as $C_6H_{12}O_6$) ..... 0,2 %
Total sugars ..... 1 %
Water (H_2O) ..... 1,0 %
Related substances:
Individual peak ..... 2 %
Total ..... 3 %
Chloride (Cl) ..... 0,0050 %
Sulphate (SO_4) ..... 0,010 %
Heavy metals (as Pb) ..... 0,001 %
Microbiological limits:
Total aerobic microbial count (TAMC) ..... 1000 cfu/g
Total combined yeast and mounds (TYMC) ..... 100 cfu/g
Salmonella ..... absence/10 g
Escherichia coli ..... absence/g
As ..... 0,0003 %
Ni ..... 0,0001 %
Pb ..... 0,00005 %

Order code	Package	Units/Box st.
143064.1210	500 g P	6
143064.1211	1000 g P	6
143064.0914	5 kg PP	

D(-)-Sorbite (E-420i, F.C.C.) ADITIO

$C_6H_{14}O_6$

M: 182,17 CAS: 50-70-4 EINECS: 200-061-5 NC: 2905 44 91

SPECIFICATIONS:

Assay (as $C_6H_{14}O_6$) calc. a.d.s. 91,0-100,5%
Assay (as Glycytols), not less than ..... 98,0 %
Melting range ..... 88-102°C
Arsenic (as As), not more than ..... 3 ppm
Lead, not more than ..... 1 ppm
Nickel, not more than ..... 1 ppm
Chloride, not more than ..... 0,005 %
Heavy metals (as Pb), not more than ..... 5 ppm
Water, not more than ..... 1,0 %
Reducing sugars (as Glucose), not more than ..... 0,30 %
Residue on ignition, not more than ..... 0,1 %
Sulphate, not more than ..... 0,01 %
Total sugars (as Glucose), not more than ..... 1,0 %
pH 10% solution 3,5-7,0
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
203064.0914	5 kg PP	
203064.0416	25 kg	

D-Sorbitol

(see D(-)-Sorbite)

Soy Peptone (Ingredient) CULTIMED

Nutritional ingredient for preparing culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 8 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥7 %

Order code	Package	Units/Box st.
403684.1210	500 g P	6
403684.0914	5 kg PP	
403684.0416	25 kg PP	

SPADNS PA

reagent of metals for fluoride determination

$C_{16}H_9N_2Na_3O_{11}S_3$

M: 570,42 CAS: 23647-14-5 EINECS: 245-803-9 NC: 2927 00 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS at pH 7,0 ..... 505-510 nm
A 1%, 1 cm, λ max. ..... >380

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 10 %
Suitability as a metal indicator ..... p/t.

Order code	Package	Units/Box st.
12C071.1606	25 g	6

SPADNS PS

$C_{16}H_9N_2Na_3O_{11}S_3$

M: 570,42 CAS: 23647-14-5 EINECS: 245-803-9 NC: 2927 00 00

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS at pH 7,0 ..... 505-510 nm
A 1%, 1 cm, λ max. ..... >320
Loss on drying at 105°C ..... 10 %

Order code	Package	Units/Box st.
15C071.1605	10 g	6
15C071.1606	25 g	6

Span

(see Sorbitan)

SPECTROPHOTOMETRY STANDARDS

(see Standards for Spectrophotometry)

SRM Staining (Specified Risk Material)

(see: Patent Blue V solution 0,5% w/v. Patent Blue V solution 5% w/v. Tartrazine solution 0,5% w/v)

Stain Discriminator

(see Alcohol-Acetone 7:3)

STANDARDS FOR ATOMIC ABSORPTION

(see also Matrix Modifiers and Ionization Buffers for Atomic Absorption)

Aluminium standard solution Al=1,000±0,002 g/l AA

$[Al(NO_3)_3.9H_2O$ in HNO_3 0,5N] for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,020kg 1kg~0,980l

Order code	Package	Units/Box st.
313170.1209	250 ml P	6
313170.1210	500 ml P	6

Antimony standard solution Sb=1,000±0,002 g/l AA

($SbCl_3$ in HCl 5N) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,129kg 1kg~0,886l

Order code	Package	Units/Box st.
314133.1209	250 ml P	6
314133.1210	500 ml P	6

Arsenic standard solution As=1,000±0,002 g/l AA

(As_2O_5 in H_2O) for spectrophotometry

NC: 3822 00 00 UN: 1556

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H332-H302

1l~1,002kg 1kg~0,998l

Order code	Package	Units/Box st.
313171.1209	250 ml P	6
313171.1210	500 ml P	6

Barium standard solution Ba=1,000±0,002 g/l AA

[$Ba(NO_3)_2$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,020kg 1kg~0,980l

Order code	Package	Units/Box st.
313172.1209	250 ml	6
313172.1210	500 ml	6

Bismuth standard solution Bi=1,000±0,002 g/l AA

[$Bi(NO_3)_3.5H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,016kg 1kg~0,984l

Order code	Package	Units/Box st.
313174.1209	250 ml	6
313174.1210	500 ml	6

Cadmium standard solution Cd=1,000±0,002 g/l AA

[$Cd(NO_3)_2.4H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315-H412

1l~1,015kg 1kg~0,985l

Order code	Package	Units/Box st.
313175.1209	250 ml	6
313175.1210	500 ml	6

Calcium standard solution Ca=1,000±0,002 g/l AA

[$Ca(NO_3)_2.4H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,020kg 1kg~0,980l

Order code	Package	Units/Box st.
313176.1209	250 ml	6
313176.1210	500 ml	6

Chromium standard solution Cr=1,000±0,002 g/l AA

[$Cr(NO_3)_3.9H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,023kg 1kg~0,978l

Order code	Package	Units/Box st.
313179.1209	250 ml	6
313179.1210	500 ml	6

Cobalt standard solution Co=1,000±0,002 g/l AA

[$Co(NO_3)_2.6H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,019kg 1kg~0,981l

Order code	Package	Units/Box st.
313177.1209	250 ml	6
313177.1210	500 ml	6

Copper standard solution Cu=1,000±0,002 g/l AA

[$Cu(NO_3)_2.3H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,020kg 1kg~0,980l

Order code	Package	Units/Box st.
313178.1209	250 ml	6
313178.1210	500 ml	6

Fluoride standard solution F=1,000±0,005 g/l AA

(NaF in H_2O)
NaF
M: 41,99 CAS: 7681-49-4 EINECS: 231-667-8 NC: 3822 00 00
1l~1,001kg 1kg~0,999l

Order code	Package	Units/Box st.
312682.1209	250 ml	6
312682.1210	500 ml	6

Gold standard solution Au=1,000±0,002 g/l AA

($HAuCl_4.4H_2O$ in HCl 1,2%) for spectrophotometry
NC: 3822 00 00
1l~1,056kg 1kg~0,947l

Order code	Package	Units/Box st.
313672.1209	250 ml	6
313672.1210	500 ml	6

Iron standard solution Fe=1,000±0,002 g/l AA

[$Fe(NO_3)_3.9H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,001kg 1kg~0,999l

Order code	Package	Units/Box st.
313182.1209	250 ml	6
313182.1210	500 ml	6

Lead standard solution Pb=1,000±0,002 g/l AA

[$Pb(NO_3)_2$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,019kg 1kg~0,981l

Order code	Package	Units/Box st.
313189.1209	250 ml	6
313189.1210	500 ml	6

Lithium standard solution Li=1,000±0,002 g/l AA

(LiCl in HCl ~1%) for spectrophotometry
NC: 3822 00 00
1l~1,006kg 1kg~0,994l

Order code	Package	Units/Box st.
313183.1209	250 ml	6
313183.1210	500 ml	6

Magnesium standard solution Mg=1,000±0,002 g/l AA

[$Mg(NO_3)_2.6H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,022kg 1kg~0,978l

Order code	Package	Units/Box st.
313184.1209	250 ml	6
313184.1210	500 ml	6

Manganese standard solution Mn=1,000±0,002 g/l AA

[$Mn(NO_3)_2$ in HNO_3 1N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,033kg 1kg~0,968l

Order code	Package	Units/Box st.
313185.1209	250 ml	6
313185.1210	500 ml	6

Mercury standard solution Hg=1,000±0,002 g/l AA

[$Hg(NO_3)_2$ in HNO_3 1N] for spectrophotometry
NC: 3822 00 00 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger


H332-H312-H302-H373-H319-H335-H315

1l~1,016kg 1kg~0,984l

Order code	Package	Units/Box st.
313186.1209	250 ml	6
313186.1210	500 ml	6

Molybdenum standard solution Mo=1,000±0,002 g/l AA

[$(NH_4)_6Mo_7O_{24}.4H_2O$ in NH_4OH 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,000kg 1kg~1,000l

Order code	Package	Units/Box st.
314111.1209	250 ml	6
314111.1210	500 ml	6

Nickel standard solution Ni=1,000±0,002 g/l AA

[$Ni(NO_3)_2.6H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,025kg 1kg~0,976l

Order code	Package	Units/Box st.
313187.1209	250 ml	6
313187.1210	500 ml	6

Potassium standard solution K=1,000±0,002 g/l AA

(KCl in HCl ~1%) for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,002kg 1kg~0,998l

Order code	Package	Units/Box st.
313190.1209	250 ml	6
313190.1210	500 ml	6

Selenium standard solution Se=1,000±0,002 g/l AA

(SeO_3H_2 in HNO_3 1N) for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,027kg 1kg~0,974l

Order code	Package	Units/Box st.
313191.1209	250 ml	6
313191.1210	500 ml	6

Silicon standard solution Si=1,00±0,05 g/l AA

(Na_2SiO_3 in H_2O) for spectrophotometry
NC: 3822 00 00
1l~1,002kg 1kg~0,998l

Order code	Package	Units/Box st.
312683.1209	250 ml	6
312683.1210	500 ml	6

Silver standard solution Ag=1,000±0,002 g/l AA

($AgNO_3$ in HNO_3 0,5N) for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,016kg 1kg~0,984l

Order code	Package	Units/Box st.
313188.1209	250 ml	6
313188.1210	500 ml	6

Sodium standard solution Na=1,000±0,002 g/l AA

(NaCl in HCl ~1%) for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,005kg 1kg~0,995l

Order code	Package	Units/Box st.
313192.1209	250 ml	6
313192.1210	500 ml	6

Strontium standard solution Sr=1,000±0,002 g/l AA

[$Sr(NO_3)_2$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,014kg 1kg~0,986l

Order code	Package	Units/Box st.
313181.1209	250 ml	6
313181.1210	500 ml	6

Tin standard solution Sn=1,000±0,002 g/l AA

($SnCl_4$ in HCl 5N) for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,083kg 1kg~0,923l

Order code	Package	Units/Box st.
313180.1209	250 ml	6
313180.1210	500 ml	6

Titanium standard solution Ti=1,000±0,002 g/l AA

($TiCl_4$ in HCl 5N) for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,089kg 1kg~0,918l

Order code	Package	Units/Box st.
313960.1209	250 ml	6
313960.1210	500 ml	6

Zinc standard solution Zn=1,000±0,002 g/l AA

[$Zn(NO_3)_2.6H_2O$ in HNO_3 0,5N] for spectrophotometry
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,022kg 1kg~0,978l

Order code	Package	Units/Box st.
313193.1209	250 ml	6
313193.1210	500 ml	6

STANDARDS FOR COD

COD Standard (50 ppm) RS

NC: 3822 00 00
1l~1,002kg 1kg~0,998l
Composition:
Potassium Hydrogen Phthalate.....0,0425 g
Distilled water (s.q.m.).....1000,0 ml
Concentration..... 50 ppm
Uncertainty..... ±10 ppm
The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394642.1606	25 ml	6

COD Standard (150 ppm) RS

NC: 3822 00 00
1l~1,003kg 1kg~0,997l
Composition:
Potassium Hydrogen Phthalate.....0,1275 g
Distilled water (s.q.m.).....1000,0 ml
Concentration..... 150 ppm
Uncertainty..... ±25 ppm
The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394547.1606	25 ml	6

COD Standard (500 ppm) RS

NC: 3822 00 00

1l~1,005kg 1kg~0,995l

Composition:
Potassium Hydrogen Phthalate....0,4251 g
Distilled water (s.q.m.)....1000,0 ml
Concentration....500 ppm
Uncertainty....±50 ppm
The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394640.1606	25 ml	6

COD Standard (1.000 ppm) RS

NC: 3822 00 00

1l~1,008kg 1kg~0,992l

Composition:
Potassium Hydrogen Phthalate....0,8502 g
Distilled water (s.q.m.)....1000,0 ml
Concentration....1000 ppm
Uncertainty....±100 ppm
The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394546.1606	25 ml	6

COD Standard (3.000 ppm) RS

NC: 3822 00 00

1l~1,007kg 1kg~0,993l

Composition:
Potassium Hydrogen Phthalate....2,5505 g
Distilled water (s.q.m.)....1000,0 ml
Concentration....3000 ppm
Uncertainty....±100 ppm
The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394641.1606	25 ml	6

COD Standard (7.000 ppm) RS

NC: 3822 00 00

1l~1,010kg 1kg~0,990l

Composition:
Potassium Hydrogen Phthalate....5,9514 g
Distilled water (s.q.m.)....1000,0 ml
Concentration....7000 ppm
Uncertainty....±300 ppm
The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394545.1606	25 ml	6

STANDARD FOR COLOUR DETERMINATION

Colour Standard Pt-Co, 500 APHA RS

for colour determination

NC: 3822 00 00

1l~1,020kg 1kg~0,980l

SPECIFICATIONS:
ABS at λ430 nm....0,110 - 0,120
ABS at λ455 nm....0,130 - 0,145
ABS at λ480 nm....0,105 - 0,120
ABS at λ510 nm....0,055 - 0,065

Order code	Package	Units/Box st.
395508.1610	500 ml	6

STANDARDS FOR CONDUCTIVITY

Conductivity Standard 84 µS/cm (25°C) RS

NC: 3822 00 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:
Conductivity at 25°C....84 ±2 µS/cm
Composition:
Potassium Chloride....0,00056 mol/l
CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE

T (°C)	(µS/cm)
20,0	75,8
21,0	77,5
22,0	79,1
23,0	80,7
24,0	82,4
25,0	84,0
26,0	85,6
27,0	87,3
28,0	88,9
29,0	90,6
30,0	92,2

Order code	Package	Units/Box st.
396882.0922	12 x 20 ml	
396882.1209	250 ml	6

Conductivity Standard 147 µS/cm (25°C) RS

NC: 3822 00 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:
Conductivity at 25°C....147 ±5 µS/cm
Composition:
Potassium Chloride....0,001 mol/l
CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE

T(°C)	(µS/cm)
20,0	133
21,0	136
22,0	139
23,0	142
24,0	145
25,0	147
26,0	150
27,0	153
28,0	156
29,0	159
30,0	162

Order code	Package	Units/Box st.
396881.0922	12 x 20 ml	
396881.1209	250 ml	6

Conductivity Standard 1413 µS/cm (25°C) RS

NC: 3822 00 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:
Conductivity at 25°C....1413±5 µS/cm
Composition:
Potassium Chloride....0,010 mol/l
CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE

T (°C)	(µS/cm)
20,0	1278
21,0	1305
22,0	1332
23,0	1359
24,0	1386
25,0	1413
26,0	1440
27,0	1467
28,0	1494
29,0	1522
30,0	1549

Order code	Package	Units/Box st.
394659.0922	12x20ml	1
394659.1209	250 ml	6

Conductivity Standard 5446 µS/cm (25°C) RS

NC: 3822 00 00

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:
Conductivity at 25°C....5446 ±25 µS/cm
Composition:
Potassium Chloride....0,040 mol/l
CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE

T(°C)	(µS/cm)
20,0	4915
21,0	5022
22,0	5128
23,0	5234
24,0	5340
25,0	5446
26,0	5552
27,0	5658
28,0	5764
29,0	5870
30,0	5976

Order code	Package	Units/Box st.
394657.0922	12x20ml	1
394657.1209	250 ml	6

Conductivity Standard 12,88 mS/cm (25°C) RS

NC: 3822 00 00

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:
Conductivity at 25°C....12,88 ±0,06 mS/cm
Composition:
Potassium Chloride....0,100 mol/l
CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE

T(°C)	(mS/cm)
20,0	11,67
21,0	11,91
22,0	12,15
23,0	12,39
24,0	12,64
25,0	12,88
26,0	13,13
27,0	13,37
28,0	13,62
29,0	13,87
30,0	14,12

Order code	Package	Units/Box st.
394658.0922	12x20ml	1
394658.1209	250 ml	6

STANDARDS FOR ICP

Aluminium standard solution Al=1,000±0,002 g/l ICP

(Al in HNO_3< 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766034.1208	100 ml	6

Aluminium standard solution Al=10,00±0,02 g/l ICP

(Al in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,06kg 1kg~0,94l

Order code	Package	Units/Box st.
775943.1208	100 ml	6

Antimony standard solution Sb=1,000±0,002 g/l ICP

(Sb in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766035.1208	100 ml	6

Antimony standard solution Sb=10,00±0,02 g/l ICP

(Sb in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,10kg 1kg~0,91l
SPECIFICATIONS:
Composition:
(10 g Sb / l in HCl 10-20%)
Concentration (as Sb)..... 10,00±0,02 g/l
(Standard according NIST SRM 3102a)

Order code	Package	Units/Box st.
775944.1208	100 ml	6

Arsenic standard solution As=1,000±0,002 g/l ICP

(As_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1556
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger


H350-H332-H302-H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766036.1208	100 ml	6

Arsenic standard solution As=10,00±0,02 g/l ICP

(As_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1556
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger


H350-H331-H301-H319-H335-H315-H412

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775945.1208	100 ml	6

Barium standard solution Ba=1,000±0,002 g/l ICP

($BaCO_3$ in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766037.1208	100 ml	6

Barium standard solution Ba=10,00±0,02 g/l ICP

($BaCO_3$ in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

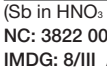

H319-H335-H315

1l~1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775947.1208	100 ml	6

Beryllium standard solution Be=1,000±0,002 g/l ICP

(Be in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger

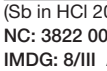

H350i-H332-H302-H319-H335-H315-H373

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
763173.1208	100 ml	6

Beryllium standard solution Be=10,00±0,02 g/l ICP

(Be in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H350i-H331-H311-H319-H335-H315-H317-H373

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(10 g Be / l in HNO_3 2-5%)
Concentration (as Be)..... 10,00±0,02 g/l
(Standard according NIST SRM 3105a)

Order code	Package	Units/Box st.
775899.1208	100 ml	6

Bismuth standard solution Bi=1,000±0,002 g/l ICP

(Bi in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766039.1208	100 ml	6

Bismuth standard solution Bi=10,00±0,02 g/l ICP

(Bi in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(10 g Bi / l in HNO_3 2-5%)
Concentration (as Bi)..... 10,00±0,02 g/l
(Standard according NIST SRM 3106)

Order code	Package	Units/Box st.
775948.1208	100 ml	6

Boron standard solution B=1,000±0,002 g/l ICP

(H_3BO_3 in H_2O) for ICP
CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
765900.1208	100 ml	6

Boron standard dissolved in ammonia solution 1% B=1000±5 µg/g ICP

NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Concentration (as B).....995-1005 µg/g

Order code	Package	Units/Box st.
766878.1208	100 ml	

Cadmium standard solution Cd=1,000±0,002 g/l ICP

(Cd in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315-H412
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766038.1208	100 ml	6

Cadmium standard solution Cd=10,00±0,02 g/l ICP

(Cd in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315-H412
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775949.1208	100 ml	6

Calcium standard solution Ca=1,000±0,002 g/l ICP

($CaCO_3$ in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766040.1208	100 ml	6

Calcium standard solution Ca=10,00±0,02 g/l ICP

($CaCO_3$ in HNO_3 2-5%) for ICP
Signal Word: Warning

H319-H335-H315
1l~1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775950.1208	100 ml	6

Cerium standard solution Ce=1,000±0,002 g/l ICP

(CeO_2 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 3264
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765901.1208	100 ml	6

Cerium standard solution Ce=10,00±0,02 g/l ICP

(CeO_2 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 3264
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,03kg 1kg~0,97l

Order code	Package	Units/Box st.
775951.1208	100 ml	6

Cesium standard solution Cs=1,000±0,002 g/l ICP

(Cs_2CO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765902.1208	100 ml	6

Cesium standard solution Cs=10,00±0,02 g/l ICP

(Cs_2CO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775952.1208	100 ml	6

Chloride standard solution Cl=1,000±0,002 g/l ICP

(KCl in H_2O) for ICP
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
765903.1208	100 ml	6

Chloride standard solution Cl=10,00±0,02 g/l ICP

(KCl in H_2O) for ICP
NC: 3822 00 00
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775953.1208	100 ml	6

Chromium standard solution Cr=1,000±0,002 g/l ICP

(Cr in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766043.1208	100 ml	6

Chromium standard solution Cr=10,00±0,02 g/l ICP

(Cr in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775956.1208	100 ml	6

Cobalt standard solution Co=1,000±0,002 g/l ICP

(Co in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766041.1208	100 ml	6

Cobalt standard solution Co=10,00±0,02 g/l ICP

(Co in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(10 g Co / l in HNO_3 2-5%)
Concentration (as Co)..... 10,00±0,02 g/l
(Standard according NIST SRM 3113)

Order code	Package	Units/Box st.
775954.1208	100 ml	6

Copper standard solution Cu=1,000±0,002 g/l ICP

(Cu in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766042.1208	100 ml	6

Copper standard solution Cu=10,00±0,02 g/l ICP

(Cu in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775955.1208	100 ml	6

Dysprosium standard solution Dy=1,000±0,002 g/l ICP

(Dy_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765904.1208	100 ml	6

Dysprosium standard solution Dy=10,00±0,02 g/l ICP

(Dy_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(11.5 g Dy2O3 / l in HNO_3 2-5%)
Concentration (as Dy)..... 10,00±0,02 g/l
(Standard according NIST SRM 3115a)

Order code	Package	Units/Box st.
775957.1208	100 ml	6

Erbium standard solution Er=1,000±0,002 g/l ICP

(Er_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765905.1208	100 ml	6

Erbium standard solution Er=10,00±0,02 g/l ICP

(Er_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(11,5 g Er2O3 / l in HNO_3 2-5%)
Concentration (as Er)..... 10,00±0,02 g/l
(Standard according NIST SRM 3116a)

Order code	Package	Units/Box st.
775958.1208	100 ml	6

Europium standard solution Eu=1,000±0,002 g/l ICP

(Eu_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765906.1208	100 ml	6

Europium standard solution Eu=10,00±0,02 g/l ICP

(Eu_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(11,6 g Eu_2O_3 / l in $HNO_3$2-5%)
Concentration (as Eu)..... 10,00±0,02 g/l
(Standard according NIST SRM 3117a)

Order code	Package	Units/Box st.
775962.1208	100 ml	6

Gadolinium standard solution Gd=1,000±0,002 g/l ICP

(Gd_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765908.1208	100 ml	6

Gadolinium standard solution Gd=10,00±0,02 g/l ICP

(Gd_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775963.1208	100 ml	6

Gallium standard solution Ga=1,000±0,002 g/l ICP

(Ga_2O_3 in HNO_3 2-5% + traces HCl) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765909.1208	100 ml	6

Gallium standard solution Ga=10,00±0,02 g/l ICP

(Ga_2O_3 in HNO_3 2-5% + traces HCl) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(10 g Ga / l in HNO_3 2-5%) + traces HCl
Concentration (as Ga)..... 10,00±0,02 g/l
(Standard according NIST SRM 3119a)

Order code	Package	Units/Box st.
775964.1208	100 ml	6

Germanium standard solution Ge=1,000±0,002 g/l ICP

(Ge in HNO_3 2-5% + traces HF) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,01kg 1kg~0,99l

Order code	Package	Units/Box st.
765910.1208	100 ml	6

Germanium standard solution Ge=10,00±0,02 g/l ICP

(Ge in HNO_3 2-5% + traces HF) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,01kg 1kg~0,99l

Order code	Package	Units/Box st.
775965.1208	100 ml	6

Gold standard solution Au=1,000±0,002 g/l ICP

(Au in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,09kg 1kg~0,92l

Order code	Package	Units/Box st.
766061.1208	100 ml	6

Gold standard solution Au=10,00±0,02 g/l ICP

(Au in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,06kg 1kg~0,94l

Order code	Package	Units/Box st.
775984.1208	100 ml	6

Hafnium standard solution Hf=1,000±0,002 g/l ICP

(Hf in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765911.1208	100 ml	6

Hafnium standard solution Hf=10,00±0,02 g/l ICP

(Hf in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(10 g Hf / l in HF 5%)
Concentration (as Hf)..... 10,00±0,02 g/l
(Standard according NIST SRM 3122a)

Order code	Package	Units/Box st.
775966.1208	100 ml	6

Holmium standard solution Ho=1,000±0,002 g/l ICP

(Ho_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,01kg 1kg~0,99l

Order code	Package	Units/Box st.
765912.1208	100 ml	6

Holmium standard solution Ho=10,00±0,02 g/l ICP

(Ho_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(11.5 g Ho_2O_3 / l in HNO_3 2-5%)
Concentration (as Ho 3+) ..... 10,00±0,02 mg/ml
(Standard according NIST SRM 3123a)

Order code	Package	Units/Box st.
775968.1208	100 ml	6

Indium standard solution In=1,000±0,002 g/l ICP

(In_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765913.1208	100 ml	6

Indium standard solution In=10,00±0,02 g/l ICP

(In_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,03kg 1kg~0,97l
SPECIFICATIONS:
Composition:
(10 g In / l in HNO_3 2-5%)
Concentration (as In) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3124a)

Order code	Package	Units/Box st.
775969.1208	100 ml	6

Iridium standard solution Ir=1,000±0,002 g/l ICP

($IrCl_3.3H_2O$ in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765941.1208	100 ml	6

Iridium standard solution Ir=10,00±0,02 g/l ICP

($IrCl_3.3H_2O$ in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775970.1208	100 ml	6

Iron standard solution Fe=1,000±0,002 g/l ICP

(Fe in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766049.1208	100 ml	6

Iron standard solution Fe=10,00±0,02 g/l ICP

(Fe in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,06kg 1kg~0,94l

Order code	Package	Units/Box st.
775967.1208	100 ml	6

Lanthanum standard solution La=1,000±0,002 g/l ICP

(La_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765916.1208	100 ml	6

Lanthanum standard solution La=10,00±0,02 g/l ICP

(La_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,04kg 1kg~0,96l
SPECIFICATIONS:
Composition:
(11,8 g La_2O_3 / l in $HNO_3$2-5%)
Concentration (as La 3+) ..... 10,00±0,02 mg/ml
(Standard according NIST SRM 3127a)

Order code	Package	Units/Box st.
775973.1208	100 ml	6

Lead standard solution Pb=1,000±0,002 g/l ICP

(Pb in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766063.1208	100 ml	6

Lead standard solution Pb=10,00±0,02 g/l ICP

(Pb in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H360D-H319-H335-H315-H412
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(10 g Pb / l in HNO_3 2-5%)
Concentration (as Pb)..... 10,00±0,02 g/l
(Standard according NIST SRM 3128)

Order code	Package	Units/Box st.
775988.1208	100 ml	6

Lithium standard solution Li=1,000±0,002 g/l ICP

(Li_2CO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766059.1208	100 ml	6

Lithium standard solution Li=10,00±0,02 g/l ICP

(Li_2CO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(53,3 g Li_2CO_3 / l in $HNO_3$2-5%)
Concentration (as Li) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3129a)

Order code	Package	Units/Box st.
775974.1208	100 ml	6

Lutetium standard solution Lu=1,000±0,002 g/l ICP

(Lu_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765917.1208	100 ml	6

Lutetium standard solution Lu=10,00±0,02 g/l ICP

(Lu_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(11,4 g Lu_2O_3 / l in $HNO_3$2-5%)
Concentration (as Lu) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3130a)

Order code	Package	Units/Box st.
775975.1208	100 ml	6

Magnesium standard solution Mg=1,000±0,002 g/l ICP

(Mg in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766051.1208	100 ml	6

Magnesium standard solution Mg=10,00±0,02 g/l ICP

(Mg in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775976.1208	100 ml	6

Manganese standard solution Mn=1,000±0,002 g/l ICP

(Mn in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,01kg 1kg~0,99l

Order code	Package	Units/Box st.
766052.1208	100 ml	6

Manganese standard solution Mn=10,00±0,02 g/l ICP

(Mn in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775977.1208	100 ml	6

Mercury standard solution Hg=1,000±0,002 g/l ICP

(Hg in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger


H332-H312-H302-H373-H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766060.1208	100 ml	6

Mercury standard solution Hg=10,00±0,02 g/l ICP

(Hg in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger


H331-H311-H301-H373-H319-H335-H315-H412
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775978.1208	100 ml	6

Molybdenum standard solution Mo=1,000±0,002 g/l ICP

(Mo in HNO_3 2-5% + traces HF) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766053.1208	100 ml	6

Molybdenum standard solution Mo=10,00±0,02 g/l ICP

(Mo in HNO_3 2-5% + traces HF) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(10 g Mo / l in $HNO_3$2-5% + traces HF)
Concentration (as Mo)..... 10,00±0,02 g/l
(Standard according NIST SRM 3134)

Order code	Package	Units/Box st.
775979.1208	100 ml	6

Neodymium standard solution Nd=1,000±0,002 g/l ICP

(Nd_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(11,7 g Nd_2O_3 / l in HNO_3 2-5%)
Concentration (as Nd) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3135a)

Order code	Package	Units/Box st.
765918.1208	100 ml	6

Neodymium standard solution Nd=10,00±0,02 g/l ICP

(Nd_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(11,7 g Nd_2O_3 / l in HNO_3 2-5%)
Concentration (as Nd) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3135a)

Order code	Package	Units/Box st.
775980.1208	100 ml	6

Nickel standard solution Ni=1,000±0,002 g/l ICP

(Ni in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766054.1208	100 ml	6

Nickel standard solution Ni=10,00±0,02 g/l ICP

(Ni in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775982.1208	100 ml	6

Niobium standard solution Nb=1,000±0,002 g/l ICP

(Nb in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765919.1208	100 ml	6

Niobium standard solution Nb=10,00±0,02 g/l ICP

(Nb in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(10 g Nb / l in HF 5%)
Concentration (as Nb) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3137)

Order code	Package	Units/Box st.
775981.1208	100 ml	6

Nitrogen standard solution N=1,000±0,002 g/l ICP

[$(NH_4)_2SO_4$ in H_2O] for ICP
CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00
1l~1,01kg 1kg~0,99l

Order code	Package	Units/Box st.
765920.1208	100 ml	6

Nitrogen standard solution N=10,00±0,02 g/l ICP

(KNO_3 in H_2O) for ICP
CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00
1l~1,05kg 1kg~0,95l
SPECIFICATIONS:
Composition:
(72,18 g KCl / l H_2O)
Concentration (as N)..... 10,00±0,02 g/l
(Standard according NIST SRM 3185)

Order code	Package	Units/Box st.
775983.1208	100 ml	6

Osmium standard solution Os=1,000±0,002 g/l ICP

[$(NH_4)_2OsCl_6$ in HCl 2-5%] for ICP
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(2.31 g $(NH_4)_2$ $OsCl_6$ / l in HCl 2-5%)
Concentration as Os (4+) ..... 1,000±0,002 mg/ml

Order code	Package	Units/Box st.
765921.1208	100 ml	6

Palladium standard solution Pd=1,000±0,002 g/l ICP

(Pd in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
765922.1208	100 ml	6

Palladium standard solution Pd=10,00±0,02 g/l ICP

(Pd in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
775985.1208	100 ml	6

Phosphorus standard solution P=1,000±0,002 g/l ICP

(KH_2PO_4 in H_2O) for ICP
CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
766384.1208	100 ml	6

Phosphorus standard solution P=10,00±0,02 g/l ICP

(H_3PO_4 in H_2O) for ICP
CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
775907.1208	100 ml	6

Platinum standard solution Pt=1,000±0,002 g/l ICP

(Pt in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,05kg 1kg~0,95l
SPECIFICATIONS:
Composition:
(1 g Pt / l in HCl 10-20%)
Concentration(as Pt)..... 1,000±0,002 g/l
(Standard according NIST SRM 3140)

Order code	Package	Units/Box st.
765923.1208	100 ml	6

Platinum standard solution Pt=10,00±0,02 g/l ICP

(Pt in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
775987.1208	100 ml	6

Potassium standard solution K=1,000±0,002 g/l ICP

(KNO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766050.1208	100 ml	6

Potassium standard solution K=10,00±0,02 g/l ICP

(KNO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,03kg 1kg~0,97l

Order code	Package	Units/Box st.
775989.1208	100 ml	6

Praseodymium standard solution Pr=1,000±0,002 g/l ICP

(Pr_6O_{11} in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(1,21 g Pr_6O_{11} / l in $HNO_3$2-5%)
Concentration (as Pr)..... 1,000±0,002 g/l
(Standard according NIST SRM 3142a)

Order code	Package	Units/Box st.
765924.1208	100 ml	6

Praseodymium standard solution Pr=10,00±0,02 g/l ICP

(Pr_6O_{11} in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(12.1 g Pr_6 O_{11} / l in HNO_3 2-5%)
Concentration (as Pr(3+/4+)) ..... 10,00±0,02 mg/ml
(Standard according NIST SRM 3142a)

Order code	Package	Units/Box st.
775990.1208	100 ml	6

Rhenium standard solution Re=1,000±0,002 g/l ICP

(NH_4ReO_4 in H_2O) for ICP
CAS: 13598-65-7 EINECS: 237-075-6 NC: 2841 90 85
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(1,441 g NH_4ReO_4 / l H_2O)
Concentration (as Re)..... 1,000±0,002 g/l
(Standard according NIST SRM 3143)

Order code	Package	Units/Box st.
765925.1208	100 ml	6

Rhenium standard solution Re=10,00±0,02 g/l ICP

(NH_4ReO_4 in H_2O) for ICP
CAS: 13598-65-7 EINECS: 237-075-6 NC: 2841 90 85
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
775991.1208	100 ml	6

Rhodium standard solution Rh=1,000±0,002 g/l ICP

($RhCl_3.3H_2O$ in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,06kg 1kg~0,94l
SPECIFICATIONS:
Composition:
((2,558 g $RhCl_3 \cdot 3H_2O$ / l in HCl 10-20%)
Concentration(as Rh)..... 1,000±0,002 g/l
(Standard according NIST SRM 3144)

Order code	Package	Units/Box st.
765926.1208	100 ml	6

Rhodium standard solution Rh=10,00±0,02 g/l ICP

($RhCl_3.3H_2O$ in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,06kg 1kg~0,94l

Order code	Package	Units/Box st.
775992.1208	100 ml	6

Rubidium standard solution Rb=1,000±0,002 g/l ICP

(Rb_2CO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(1,36 g Rb_2CO_3 / l in HNO_3 2-5%)
Concentration (as Rb)..... 1,000±0,002 g/l
(Standard according NIST SRM 3145a)

Order code	Package	Units/Box st.
765927.1208	100 ml	6

Rubidium standard solution Rb=10,00±0,02 g/l ICP

(Rb_2CO_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(13,6 g Rb_2CO_3 / l in HNO_3 2-5%)
Concentration (as Rb)..... 10,00±0,02 g/l
(Standard according NIST SRM 3145a)

Order code	Package	Units/Box st.
775993.1208	100 ml	6

Ruthenium standard solution Ru=1,000±0,002 g/l ICP

($RuCl_3.3H_2O$ in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(2,6 g $RuCl_3 \cdot HCl$ / l in HCl 10-20%)
Concentration (as Ru)..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
765928.1208	100 ml	6

Ruthenium standard solution Ru=10,00±0,02 g/l ICP

($RuCl_3.3H_2O$ in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,06kg 1kg~0,94l

Order code	Package	Units/Box st.
775994.1208	100 ml	6

Samarium standard solution Sm=1,000±0,002 g/l ICP

(Sm_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765929.1208	100 ml	6

Samarium standard solution Sm=10,00±0,02 g/l ICP

(Sm_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(11,6 g Sm_2O_3 / l in HNO_3 2-5%)
Concentration (as Sm)..... 10,00±0,02 g/l
(Standard according NIST SRM 3147a)

Order code	Package	Units/Box st.
775995.1208	100 ml	6

Scandium standard solution Sc=1,000±0,002 g/l ICP

(Sc_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765930.1208	100 ml	6

Scandium standard solution Sc=10,00±0,02 g/l ICP

(Sc_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,05kg 1kg~0,95l
SPECIFICATIONS:
Composition:
(15.34 g Sc2O3 / l in $HNO_3$2-5%)
Concentration (as Sc)..... 10,00±0,02 g/l
(Standard according NIST SRM 3148a)

Order code	Package	Units/Box st.
775959.1208	100 ml	6

Selenium standard solution Se=1,000±0,002 g/l ICP

(Se in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(1 g Se / l in $HNO_3$2-5%)
Concentration(as Se)..... 1,000±0,002 g/l
(Standard according NIST SRM 3149)

Order code	Package	Units/Box st.
766055.1208	100 ml	6

Selenium standard solution Se=10,00±0,02 g/l ICP

(Se in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning



H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775996.1208	100 ml	6

Silicon standard solution Si=1,000±0,002 g/l ICP

[$(NH_4)_2SiF_6$ in HF 5%] for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,03kg 1kg~0,97l

Order code	Package	Units/Box st.
765997.1208	100 ml	6

Silicon standard solution Si=10,00±0,02 g/l ICP

[$(NH_4)_2SiF_6$ in HF 5%] for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,07kg 1kg~0,93l

Order code	Package	Units/Box st.
775998.1208	100 ml	6

Silver standard solution Ag=1,000±0,002 g/l ICP

(Ag in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766062.1208	100 ml	6

Silver standard solution Ag=10,00±0,02 g/l ICP

(Ag in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775986.1208	100 ml	6

Sodium standard solution Na=1,000±0,002 g/l ICP

($NaNO_3$ in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766056.1208	100 ml	6

Sodium standard solution Na=10,00±0,02 g/l ICP

($NaNO_3$ in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,04kg 1kg~0,96l
SPECIFICATIONS:
Composition:
(36,977 g $NaNO_3$ / l in HNO_3 2-5%)
Concentration (as Na)..... 10,00±0,02 g/l
(Standard according NIST SRM 3152a)

Order code	Package	Units/Box st.
775999.1208	100 ml	6

Strontium standard solution Sr=1,000±0,002 g/l ICP

($SrCO_3$ in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766048.1208	100 ml	6

Strontium standard solution Sr=10,00±0,02 g/l ICP

($SrCO_3$ in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775961.1208	100 ml	6

Sulphur standard solution S=1,000±0,002 g/l ICP

(H_2SO_4 in H_2O) for ICP
CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
765898.1208	100 ml	6

Sulphur standard solution S=10,00±0,02 g/l ICP

(H_2SO_4 in H_2O) for ICP
CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Warning


H319-H335-H315
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(30,586 g H_2SO_4 / l H_2O)
Concentration(as S)..... 10,00±0,02 g/l
(Standard according NIST SRM 3154)

Order code	Package	Units/Box st.
775946.1208	100 ml	6

Tantalum standard solution Ta=1,000±0,002 g/l ICP

(Ta in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(1 g Ta / l in HF 5%)
Concentration(as Ta)..... 1,000±0,002 g/l
(Standard according NIST SRM 3155)

Order code	Package	Units/Box st.
765932.1208	100 ml	6

Tantalum standard solution Ta=10,00±0,02 g/l ICP

(Ta in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(10 g Ta / l in HF 5%)
Concentration (as Ta)..... 10,00±0,02 g/l
(Standard according NIST SRM 3155)

Order code	Package	Units/Box st.
776001.1208	100 ml	6

Tellurium standard solution Te=1,000±0,002 g/l ICP

(Te in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765933.1208	100 ml	6

Tellurium standard solution Te=10,00±0,02 g/l ICP

(Te in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
776002.1208	100 ml	6

Terbium standard solution Tb=1,000±0,002 g/l ICP

(Tb_4O_7 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,01kg 1kg~0,99l
SPECIFICATIONS:
Composition:
(1,18 g Tb_4O_7 / l in HNO_3 2-5%)
Concentration (as Tb) ..... 1,000±0,002 g/l
(Standard according NIST SRM 3157a)

Order code	Package	Units/Box st.
765934.1208	100 ml	6

Terbium standard solution Tb=10,00±0,02 g/l ICP

(Tb_4O_7 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(11,8 g Tb_4O_7 / l in HNO_3 2-5%)
Concentration (as Tb) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3157a)

Order code	Package	Units/Box st.
776003.1208	100 ml	6

Thallium standard solution Tl=1,000±0,002 g/l ICP

(Tl in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H332-H302-H319-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765931.1208	100 ml	6

Thallium standard solution Tl=10,00±0,02 g/l ICP

(Tl in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H332-H302-H319-H315

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
(10 g Tl / l in HNO_3 2-5%)
Concentration (as Tl) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3158)

Order code	Package	Units/Box st.
776000.1208	100 ml	6

Thorium standard solution Th=1,000±0,002 g/l ICP

[$Th(NO_3)_4.5H_2O$ in HNO_3 10%] for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,08kg 1kg~0,92l

Order code	Package	Units/Box st.
765935.1208	100 ml	6

Thorium standard solution Th=10,00±0,02 g/l ICP

[$Th(NO_3)_4.5H_2O$ in HNO_3 10%] for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger


H314

1l~1,08kg 1kg~0,92l
SPECIFICATIONS:
(24,6 g $Th(NO_3)_4.5H_2O$ / l in HNO_3 10%)
Concentration (as Th) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3159)

Order code	Package	Units/Box st.
776005.1208	100 ml	6

Thullium standard solution Tm=1,000±0,002 g/l ICP

(Tm_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765936.1208	100 ml	6

Thullium standard solution Tm=10,00±0,02 g/l ICP

(Tm_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(11,5 g Tm_2O_3 / l in HNO_3 2-5%)
Concentration (as Tm) ..... 10,00±0,02 g/l

Order code	Package	Units/Box st.
776006.1208	100 ml	6

Tin standard solution Sn=1,000±0,002 g/l ICP

(Sn in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,10kg 1kg~0,91l

Order code	Package	Units/Box st.
766047.1208	100 ml	6

Tin standard solution Sn=10,00±0,02 g/l ICP

(Sn in HCl 20%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,10kg 1kg~0,91l
SPECIFICATIONS:
Composition:
(10 g Sn / l in HCl 10-20%)
Concentration (as Sn) ..... 10,00±0,02 g/l
(Standard according NIST SRM 3161a)

Order code	Package	Units/Box st.
775960.1208	100 ml	6

Titanium standard solution Ti=1,000±0,002 g/l ICP

(Ti in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766057.1208	100 ml	6

Titanium standard solution Ti=10,00±0,02 g/l ICP

(Ti in HNO_3 2-5% + traces HF) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
776004.1208	100 ml	6

Uranium standard solution U=1,000±0,002 g/l ICP

(U in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765937.1208	100 ml	6

Uranium standard solution U=10,00±0,02 g/l ICP

(U in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H332-H312-H302-H373-H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
776007.1208	100 ml	6

Vanadium standard solution V=1,000±0,002 g/l ICP

(V in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765938.1208	100 ml	6

Vanadium standard solution V=10,00±0,02 g/l ICP

(V in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
776008.1208	100 ml	6

Wolfram standard solution W=1,000±0,002 g/l ICP

(W in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765939.1208	100 ml	6

Wolfram standard solution W=10,00±0,02 g/l ICP

(W in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(10 g W / l in HF 5%)
Concentration (as W 6+)..... 10,00±0,02 mg/ml
(Standard according NIST SRM 3163)

Order code	Package	Units/Box st.
776009.1208	100 ml	6

Ytterbium standard solution Yb=1,000±0,002 g/l ICP

(Yb_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765914.1208	100 ml	6

Ytterbium standard solution Yb=10,00±0,02 g/l ICP

(Yb_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(11,4 g Yb_2O_3 / l in HNO_3 2-5%)
Concentration (as Yb)..... 10,00±0,02 g/l
(Standard according NIST SRM 3166a)

Order code	Package	Units/Box st.
775971.1208	100 ml	6

Yttrium standard solution Y=1,000±0,002 g/l ICP

(Y_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765915.1208	100 ml	6

Yttrium standard solution Y=10,00±0,02 g/l ICP

(Y_2O_3 in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l
SPECIFICATIONS:
Composition:
(12,7 g Y_2O_3 / l in HNO_3 2-5%)
Concentration (as Y)..... 10,00±0,02 g/l
(Standard according NIST SRM 3167a)

Order code	Package	Units/Box st.
775972.1208	100 ml	6

Zinc standard solution Zn=1,000±0,002 g/l ICP

(Zn in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766058.1208	100 ml	6

Zinc standard solution Zn=10,00±0,02 g/l ICP

(Zn in HNO_3 2-5%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
776010.1208	100 ml	6

S

Zirconium standard solution Zr=1,000±0,002 g/l ICP

(Zr in HF 5%) for ICP
NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H331-H311-H301-H314
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765940.1208	100 ml	6

Zirconium standard solution Zr=10,00±0,02 g/l ICP

($ZrCl_4$ in HCl 10%) for ICP
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning


H319-H335-H315
1l~1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
776011.1208	100 ml	6

MULTIELEMENT STANDARDS FOR ICP

Multielement standard solution 100 mg/l: Hf, Ir, Sb, Sn, Ta, Ti, Zr ICP

(Contains 7 elements in 15% HCl) for ICP
NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Warning


H319-H335-H315
1l~1,08kg 1kg~0,93l

Order code	Package	Units/Box st.
766336.1208	100 ml	6

Multielement standard solution 100 mg/l: As, Be, Cd, Cr, Pb, Hg, Ni, Se, Tl ICP

(Contains 9 elements in 10% HNO_3) for ICP
NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314
1l~1,05kg 1kg~0,95l
SPECIFICATIONS:
Composition:
(Contains 9 elements in HNO_3 10%)
Concentration (as ppm):
Tolerance: ..... ±0,3 ppm

Order code	Package	Units/Box st.
766334.1208	100 ml	6

Multielement standard solution 100 mg/l: As, Be, Ca, Cd, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Ni, Pb, Sb, Se, Sr, Ti, Tl, V, Zn ICP

(Contains 21 elements in 5% HNO_3) for ICP
NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314
1l~1,03kg 1kg~0,97l

Order code	Package	Units/Box st.
766335.1208	100 ml	6

Multielement standard solution 100 mg/l: Al, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Se, Sr, Te, Tl, Zn ICP

(Contains 24 elements in 2% HNO_3) for ICP
NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766333.1208	100 ml	6

Multielement standard solution 1000 mg/l: Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Tl, Zn ICP

(Contains 23 elements in 2% HNO_3) for ICP
NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H350-H332-H312-H302-H341
1l~1,09kg 1kg~0,92l

Order code	Package	Units/Box st.
766332.1208	100 ml	6

STANDARDS DISSOLVED IN OIL FOR ICP

Barium standard dissolved in oil Ba=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766428.1607	50 g	6

Calcium standard dissolved in oil Ca=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766427.1607	50 g	6

Chromium standard dissolved in oil Cr=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766429.1607	50 g	6

Cobalt standard dissolved in oil Co=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H332-H319-H335
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766430.1607	50 g	6

Copper standard dissolved in oil Cu=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H332-H319-H315
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766431.1607	50 g	6

Iron standard dissolved in oil Fe=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766433.1607	50 g	6

Magnesium standard dissolved in oil Mg=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d

1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766434.1607	50 g	6

Lead standard dissolved in oil Pb=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d

1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766436.1607	50 g	6

Nickel standard dissolved in oil Ni=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d

1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766435.1607	50 g	6

Phosphorus standard dissolved in oil P=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H302

1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766432.1607	50 g	6

Potassium standard dissolved in oil K=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d

1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766437.1607	50 g	6

Sodium standard dissolved in oil Na=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning


H361d

1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766438.1607	50 g	6

Sulphur standard dissolved in oil S=1000±5 µg/g ICP

NC: 3822 00 00
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766440.1607	50 g	6

Zinc standard dissolved in oil Zn=1000±5 µg/g ICP

NC: 3822 00 00
H362
1l~0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766439.1607	50 g	6

STANDARDS FOR IONIC CHROMATOGRAPHY

Ammonium standard solution NH_4=1,000±0,002 g/l IC

(NH_4Cl in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784241.1210	500 ml	6

Barium standard solution Ba=1,000±0,002 g/l IC

($BaCl_2.2H_2O$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(1,779 g $BaCl_2 \cdot 2H_2O$ / l H_2O)
Concentration (as Ba)..... 1,000±0,002 g/l
(Standard according NIST SRM 3104a)

Order code	Package	Units/Box st.
786347.1210	500 ml	6

Bromide standard solution Br=1,000±0,002 g/l IC

(KBr in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784239.1210	500 ml	6

Calcium standard solution Ca=1,000±0,002 g/l IC

($CaCl_2.2H_2O$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786345.1210	500 ml	6

Cesium standard solution Cs=1,000±0,002 g/l IC

(CsCl in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(1,267 g CsCl / l H_2O)
Concentration (as Cs(1+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786916.1210	500 ml	6

Cobalt standard solution Co=1,000±0,002 g/l IC

($Co(NO_3)_2.6H_2O$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(4,938 g $Co(NO_3)_2.6H_2O$ / l H_2O)
Concentration (as Co(2+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786918.1210	500 ml	6

Copper standard solution Cu=1,000±0,002 g/l IC

($Cu(NO_3)_2.3H_2O$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(3,802 g $Cu(NO_3)_2.3H_2O$ / l H_2O)
Concentration (as Cu(2+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786919.1210	500 ml	6

Cyanide standard solution CN=1,000±0,002 g/l IC

(KI in H_2O) for ionic chromatography
NC: 3822 00 00 UN: 3413 ADR: 6.1/II IMDG: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611 (D/E)
Signal Word: Danger


H330-H310-H300-EUH032-H410

1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(2,503 g KCN / l H_2O)
Concentration (as CN) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786917.1210	500 ml	6

Chloride standard solution Cl=1,000±0,002 g/l IC

(KCl in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784238.1210	500 ml (P)	6

Chromate standard solution CrO_4=1,000±0,002 g/l IC

(K_2CrO_4 in H_2O) for ionic chromatography

NC: 3822 00 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350i-H340

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786326.1210	500 ml (P)	6

Chromium(III) standard solution Cr=1,000±0,002 g/l IC

($Cr(NO_3)_3.9H_2O$ in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(7,696 g $Cr(NO_3)_3.9H_2O$ / l H_2O)

Concentration (as Cr(3+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786921.1210	500 ml (P)	6

Chromium(VI) standard solution Cr=1,000+-0,002 g/l IC

($K_2Cr_2O_7$ in H_2O) for ionic chromatography

NC: 3822 00 00 UN: 3287 ADR: 6.1/III IMDG: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618 (D/E)

Signal Word: Danger



H332-H350-H340-H334-H317-H412

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(2,829 g $K_2Cr_2O_7$ / l H_2O)

Concentration (as Cr(6+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786920.1210	500 ml (P)	6

Fluoride standard solution F=1,000±0,002 g/l IC

(NaF in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786328.1210	500 ml (P)	6

Hydrazinium standard solution N_2H_4=1,000±0,002 g/l IC

($N_2H_4{\cdot}H_2SO_4$ in H_2O) for ionic chromatography

NC: 3822 00 00 UN: 3287 ADR: 6.1/III IMDG: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618 (E)

Signal Word: Danger



H412-H350

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(4,1 g $N_2H_4{\cdot}H_2SO_4$ / l H_2O)

Concentration (as N_2H_4(+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786923.1210	500 ml (P)	6

Hydrogen carbonate standard solution HCO_3=1,000±0,002 g/l IC

($NaHCO_3$ in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(1,377 g $NaHCO_3$ / l H_2O)

Concentration (as HCO_3) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786924.1210	500 ml (P)	6

Iodide standard solution I=1,000±0,002 g/l IC

(KI in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(1,308 g KI / l H_2O)

Concentration (as I) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786934.1210	500 ml (P)	6

Iron standard solution Fe=1,000±0,002 g/l IC

($Fe(NO_3)_3.9H_2O$ in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(7,234 g $Fe(NO_3)_3.9H_2O$ / l H_2O)

Concentration (as Fe(3+)) ..... 1,000±0,002 g/l

(Standard according NIST SRM 3126a)

Order code	Package	Units/Box st.
786925.1210	500 ml (P)	6

Lead standard solution Pb=1,000±0,002 g/l IC

($Pb(NO_3)_2$ in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(1,599 g $Pb(NO_3)_2$ / l H_2O)

Concentration (as Pb) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786931.1210	500 ml (P)	6

Lithium standard solution Li=1,000±0,002 g/l IC

(LiCl in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786348.1210	500 ml (P)	6

Magnesium standard solution Mg=1,000±0,002 g/l IC

($MgCl_2.6H_2O$ in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786346.1210	500 ml (P)	6

Manganese standard solution Mn=1,000±0,002 g/l IC

($Mn(NO_3)_2.4H_2O$ in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786350.1210	500 ml (P)	6

Mercury standard solution Hg=1,000+-0,002 g/l IC

($Hg(NO_3)_2$ 1 H_2O en H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,016kg 1kg~0, 984l

SPECIFICATIONS:

Composition:

(1,708 g ($Hg(NO_3)_2$ 1 H_2O / l H_2O)

Concentration (en $Hg_{(2+)}$) ..... 1,000 ±0,002 g/l

Order code	Package	Units/Box st.
786926.1210	500 ml (P)	6

Nickel standard solution Ni=1,000±0,002 g/l IC

($Ni(NO_3)_2.6H_2O$ in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

($Ni(NO_3)_2.6H_2O$ / l H_2O)

Concentration (as Ni(2+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786927.1210	500 ml (P)	6

Nitrate standard solution NO_3=1,000±0,002 g/l IC

(KNO_3 in H_2O) for ionic chromatography

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784237.1210	500 ml (P)	6

Nitrite standard solution NO_2=1,000±0,002 g/l IC

($NaNO_2$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786327.1210	500 ml	6

Nitrogen standard solution N=1,000±0,002 g/l IC

(NH_4Cl in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786325.1210	500 ml	6

Nitrogen (N-NO_2-) standard solution N=1,000±0,002 g/l IC

($NaNO_2$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(4,9262 g $NaNO_2$ / l H_2O)
Concentration (as N) ..... ≥1,16

Order code	Package	Units/Box st.
786928.1210	500 ml	6

Nitrogen (N-NO_3-) standard solution N=1,000±0,002 g/l IC

(KNO_3 in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(7,218 g KNO_3 / l H_2O)
Concentration (as N) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786929.1210	500 ml	6

Phosphate standard solution PO_4=1,000±0,002 g/l IC

($NaNH_4HPO_4.4H_2O$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784236.1210	500 ml	6

Phosphorus standard solution P=1,000±0,002 g/l IC

($(NH_4)_2HPO_4$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(4,264 g $(NH_4)_2HPO_4$ / l H_2O)
Concentration (as P) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786922.1210	500 ml	6

Potassium standard solution K=1,000±0,002 g/l IC

(KCl in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784242.1210	500 ml	6

Rubidium standard solution Rb=1,000±0,002 g/l IC

(RbCl in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(1,415 g RbCl / l H_2O)
Concentration (as Rb(1+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786932.1210	500 ml	6

Silver standard solution Ag=1,000±0,002 g/l IC

($AgNO_3$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(1,575 g $AgNO_3$ / l H_2O)
Concentration (as Ag(1+)) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786930.1210	500 ml	6

Sodium standard solution Na=1,000±0,002 g/l IC

(NaCl in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(2,542 g NaCl / l H_2O)
Concentration(as Na)..... 1,000±0,002 g/l
(Standard according NIST SRM 3152a)

Order code	Package	Units/Box st.
784243.1210	500 ml	6

Strontium standard solution Sr=1,000±0,002 g/l IC

($Sr(NO_3)_2$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(2,416 g $Sr(NO_3)_2$ / l H_2O)
Concentration (as Sr)..... 1,000±0,002 g/l
(Standard according NIST SRM 3153a)

Order code	Package	Units/Box st.
786351.1210	500 ml	6

Sulphate standard solution SO_4=1,000±0,002 g/l IC

(Na_2SO_4 in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786329.1210	500 ml	6

Sulphur standard solution S=1,000±0,002 g/l ICC

($(NH_4)_2SO_4$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(4,121 g $(NH_4)_2SO_4$ / l H_2O)
Concentration (as S) ..... 1,000±0,002 g/l

Order code	Package	Units/Box st.
786933.1210	500 ml	6

Zinc standard solution Zn=1,000±0,002 g/l IC

($Zn(NO_3)_2.4H_2O$ in H_2O) for ionic chromatography
NC: 3822 00 00
1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786349.1210	500 ml	6

Multielement standard solution, anionic III IC [Br^-],[Cl^-], [F^-] ,[NO_3^-], [PO_4^{3-}], [SO_4^{2-}] = 100 mg/l

(NaF, KCl, KBr, KNO_3, $NH_4H_2PO_4$, Na_2SO_4 in H_2O) for IC
NC: 3822 00 00
1l~1,00kg 1kg~1,00l
SPECIFICATIONS:
Composition:
(Contains 6 elements in H_2O)
Concentration (as mg/l):
Tolerance: ..... ±0,5 mg/l
Br.....100
Cl.....100
F.....100
NO_3.....100
PO_4.....100
SO_4.....100

Order code	Package	Units/Box st.
786937.1208	100 ml	6
786937.1210	500 ml	6

Multielement standard solution, anionic IV IC [Br^-],[NO_3^-]=25mg/l,[Cl^-]=10mg/l, [F^-]=5mg/l , [NO_2^-]=15mg/l, [PO_4^{3-}]=40mg/l, [SO_4^{2-}] = 30 mg/l

(NaF, NaCl, KBr, $NaNO_2$, $NaNO_3$, KH_2PO_4, Na_2SO_4 in H_2O) for IC

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(Contains 7 elements in H_2O)

Concentration (as mg/l):

Tolerance:	±0,2 mg/l
Br	25
Cl	10
F	5
NO_2	15
NO_3	25
PO_4	40
SO_4	30

Order code	Package	Units/Box st.
786938.1208	100 ml (P)	6
786938.1210	500 ml (P)	6

Multielement standard solution, anionic V IC [Br^-],[Cl^-], [F^-] ,[NO_2^-], [NO_3^-], [PO_4^{3-}], [SO_4^{2-}] = 1000 mg/l

(NaF, NaCl, KBr, $NaNO_2$, $NaNO_3$, KH_2PO_4, Na_2SO_4 in H_2O) for IC

NC: 3822 00 00

1l~0,99kg 1kg~1,01l

SPECIFICATIONS:

Composition:

(Contains 7 elements in H_2O)

Concentration (as mg/l):

Tolerance:	±4,5 mg/l
Br	
Cl	1000
F	1000
NO_2	1000
NO_3	1000
PO_4	1000
SO_4	1000

Order code	Package	Units/Box st.
786939.1208	100 ml (P)	6
786939.1210	500 ml (P)	6

Multielement standard solution, cationic II IC [Ca^{2+}], [K^+], [Mg^{2+}], [Na^+], [NH_4^+] = 100 mg/l

(KCl, NaCl, NH_4Cl, $MgCl_2$, $CaCl_2$ in H_2O) for IC

NC: 3822 00 00

1l~0,998kg 1kg~1,002l

SPECIFICATIONS:

Composition:

(Contains 5 elements in H_2O)

Concentration (as mg/l):

Tolerance:	±0,50 mg/l
Ca	100
K	100
Mg	100
Na	100
NH_4	100

Order code	Package	Units/Box st.
786941.1208	100 ml (P)	6
786941.1210	500 ml (P)	6

Multielement standard solution, cationic III IC [Ca^{2+}],[K^+] = 5 mg/l, [Li^+] = 0,5 mg/l ,[Mg^{2+}],[NH_4^+] = 2,5 mg/l, [Na^+] = 2 mg/l

($LiNO_3$, $NaNO_3$, NH_4NO_3, $CaCO_3$, $Mg(NO_3)_2$, KNO_3 in H_2O) for IC

NC: 3822 00 00

1l~0,997kg 1kg~1,003l

SPECIFICATIONS:

Composition:

(Contains 6 elements in H_2O)

Concentration (as mg/l):

Tolerance:	±0,50 mg/l
Ca	5
K	5
Li	0,5
Mg	2,5
Na	2
NH_4	2,5

Order code	Package	Units/Box st.
786942.1208	100 ml (P)	6
786942.1210	500 ml (P)	6

Multielement standard solution, cationic IV IC [Ca^{2+}],[NH_4^+] = 40mg/l, [K^+],[Mg^{2+}], [Na+] = 20 mg/l ,[Li^+] = 10 mg/l

(Li_2CO_3, $NaNO_3$, NH_4NO_3, $CaCO_3$, $Mg(NO_3)_2$, KNO_3 in 0,1% HNO_3) for IC

NC: 3822 00 00

1l~0,998kg 1kg~1,002l

SPECIFICATIONS:

Composition:

(Contains 6 elements in 0,1% HNO_3)

Concentration (as mg/l):

Tolerance:	±0,25 mg/l
Ca	40
K	20
Li	10
Mg	20
Na	20
NH_4	40

Order code	Package	Units/Box st.
786943.1208	100 ml (P)	6
786943.1210	500 ml (P)	6

STANDARD FOR OILS

Reference Standard for Olive Oil CRS

NC: 1509 90 00

1l~0,915kg 1kg~1,093l

Order code	Package	Units/Box st.
345411.1608	100 ml	6

STANDARDS REDOX

Redox Standard 220 mV (25°C) RS

NC: 3822 00 00

1l~1,004kg 1kg~0,996l

Composition:

Potassium Hexacyanoferrate(II) 3-hydrate	4,3 g
Potassium Hexacyanoferrate(III)	3,3 g
Buffer Solution pH 7,00	200 ml
Water s.q.m	1000 ml

REDOX POTENTIAL VALUES DEPENDING ON TEMPERATURE

T(°C)	mV
10	245
15	236
20	228
25	220
30	212
35	204
40	195
50	178
60	160
70	142

Order code	Package	Units/Box st.
395443.1209	250 ml (P)	6

Redox Standard 468 mV (25°C) RS

NC: 3822 00 00

1l~1,033kg 1kg~0,968l

Composition:

Iron(II) Sulphate 7-hydrate	9,2 g
Iron(III) Sulphate x-hydrate	9,3 g
Sulphuric Acid 96%	18 ml
Water s.q.m	1000 ml

REDOX POTENTIAL VALUES DEPENDING ON TEMPERATURE

T(°C)	mV
10	452
15	457
20	463
25	468
30	474
35	479
40	485
50	497
60	509
70	522

Order code	Package	Units/Box st.
395442.1209	250 ml (P)	6

STANDARDS FOR SPECTROPHOTOMETRY

Standard for UV-VISible Spectrophotometry: solution for the absorbance control (Ph. Eur.) RS

NC: 3822 00 00
Content:
4 x 10 ml Standard ampoules
4 x 10 ml Reference ampoules

Order code	Package	Units/Box st.
395462.2590	8 x 10 ml	6

Standard for UV-VISible Spectrophotometry: solution for the control of the spectral resolution (Ph. Eur.) RS

NC: 3822 00 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger


H225-H315-H373-H411-H361f-H304-H336
1l~0,661kg 1kg~1,513l
Content:
4 x 10 ml Standard ampoules
4 x 10 ml Reference ampoules

Order code	Package	Units/Box st.
395461.2590	8 x 10 ml	6

Standard for UV-VISible Spectrophotometry: solution for the stray light control (Ph. Eur.) RS

NC: 3822 00 00
1l~1,006kg 1kg~0,994l
Content:
8 x 10 ml Ampoules

Order code	Package	Units/Box st.
395460.2590	8 x 10 ml	6

Standard for UV-VISible Spectrophotometry: solution for the wavelength control (Ph. Eur.) RS

NC: 3822 00 00 UN: 3093
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314
1l~1,112kg 1kg~0,899l
Content:
8 x 10 ml Ampoules

Order code	Package	Units/Box st.
396070.2590	8 x 10 ml	6

TIC Standard (50 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(0,2206 g Na_2CO_3 + 174,9 mg $NaHCO_3$ / l H_2O)
Concentration (as C^{4+})..... 50±0,3 mg/l

Order code	Package	Units/Box st.
396900.1211	1000 ml	6

TIC Standard (100 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(0,4412 g Na_2CO_3 + 349,8 mg $NaHCO_3$ / l H_2O)
Concentration (as C^{4+})..... 100±0,5 mg/l

Order code	Package	Units/Box st.
396901.1211	1000 ml	6

TIC Standard (500 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(2,2061 g Na_2CO_3 + 1,7486 g $NaHCO_3$ / l H_2O)
Concentration (as C^{4+})..... 500±3 mg/l

Order code	Package	Units/Box st.
396902.1211	1000 ml	6

TIC Standard (1000 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(4,4122 g Na_2CO_3 + 3,4972 g $NaHCO_3$ / l H_2O)
Concentration (as C^{4+})..... 1000±5 mg/l

Order code	Package	Units/Box st.
396903.1211	1000 ml	6

TIC Standard (10000 mg/l) RS

NC: 3822 00 00
1l~1,002kg 1kg~0,998l
SPECIFICATIONS:
Composition:
(44,122 g Na_2CO_3 + 34,972 g $NaHCO_3$ / l H_2O)
Concentration (as C^{4+})..... 10000±50 mg/l

Order code	Package	Units/Box st.
396904.1211	1000 ml	6

TOC Standard (50 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(106,3 mg $C_8H_5O_4K$ / l H_2O)
Concentration (as C^{4+})..... 50±0,3 mg/l

Order code	Package	Units/Box st.
396905.1211	1000 ml	6

TOC Standard (100 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(212,6 mg $C_8H_5O_4K$ / l H_2O)
Concentration (as C^{4+})..... 100±0,5 mg/l

Order code	Package	Units/Box st.
396906.1211	1000 ml	6

TOC Standard (500 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(1,063 g $C_8H_5O_4K$ / l H_2O)
Concentration (as C^{4+})..... 500±3 mg/l

Order code	Package	Units/Box st.
396907.1211	1000 ml	6

TOC Standard (1000 mg/l) RS

NC: 3822 00 00
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Composition:
(2,1255 g $C_8H_5O_4K$ / l H_2O)
Concentration (as C^{4+})..... 1000±5 mg/l

Order code	Package	Units/Box st.
396908.1211	1000 ml	6

TOC Standard (10000 mg/l) RS

NC: 3822 00 00
1l~1,002kg 1kg~0,998l
SPECIFICATIONS:
Composition:
(21,255 g $C_8H_5O_4K$ / l H_2O)
Concentration (as C^{4+})..... 10000±50 mg/l

Order code	Package	Units/Box st.
396909.1211	1000 ml	6

STANDARDS FOR TURBIDITY

Turbidity Standard Solution A RS

for formazin primary standard
NC: 3822 00 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger


H350-H311-H301
1l~1,006kg 1kg~0,994l
Composition:
Hidrazinium Sulphate .....1,0 g
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
395464.1209	250 ml	6

Turbidity Standard Solution B RS

for formazin primary standard

NC: 3822 00 00

1l~1,021kg 1kg~0,979l

Composition:
Hexamethylenetetramine.....10,0 g
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
395465.1209	250 ml P	6

STANDARDS FOR WATER

Karl Fischer Water Standard 1,00 mg/g RS

for coulometric titrations. 1 g contains 1,00±0,005 mg H_2O

NC: 3822 00 00

Signal Word: Warning



H226-H319-H335-H315

1l~1,000kg 1kg~1,000l

Order code	Package	Units/Box st.
395459.2527	10 x 10 ml	6

Karl Fischer Water Standard 5,0 mg/g RS

for volumetric titrations. 1 g contains 5,0 ± 0,02 mg H_2O

NC: 3822 00 00 UN: 1993 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 309 CAO: 310 (D/E)

Signal Word: Danger



H225-H312-H332-H315-H319

1l~1,000kg 1kg~1,000l

Order code	Package	Units/Box st.
396883.2527	10 x 10 ml	6

Karl Fischer Water Standard 10,0 mg/g RS

for volumetric titrations. 1 g contains 10,0±0,1 mg H_2O

NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H332-H312-H319-H315

1l~1,000kg 1kg~1,000l

Order code	Package	Units/Box st.
395458.2527	10 x 10 ml	6

STANDARDS FOR WINE

Certified Control Material for Oenological analysis (Red Wine) CRS

NC: 3822 00 00

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:
Alcohol content
Total sugars (as Glucose and Fructose)
Reducing sugars
Total acidity (as Tartaric Acid)
Volatile acidity (as Acetic Acid)
Total Sulfur dioxide
L-Maleic Acid
L-Lactic Acid
pH
Glycerol
Gluconic Acid
DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
345268.1610	500 ml	6

Certified Control Material for Oenological analysis (White Wine) CRS

NC: 3822 00 00

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:
Alcohol content
Total sugars (as Glucose and Fructose)
Reducing sugars
Total acidity (as Tartaric Acid)
Volatile acidity (as Acetic Acid)
Total Sulfur dioxide
L-Maleic Acid
L-Lactic Acid
pH
Glycerol
Gluconic Acid
DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
345271.1610	500 ml	6

Standard for Oenology (Methanol and Higher Alcohols) CRS

NC: 3822 00 00

1l~0,980kg 1kg~1,020l

Order code	Package	Units/Box st.
345269.0922	20 x 1 ml	6

Stannic

(see Tin(IV) compounds)

Stannous

(see Tin(II) compounds)

Starch from Potato soluble (Reag. USP, Ph. Eur.) PA

indicator for iodometry
$(C_6H_{10}O_5)_n$

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

SPECIFICATIONS:
Identity.....IR p/t.
pH of 2% solution 5,5-7,0

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O..... p/t.
Loss on drying at 100°C.....13-20 %
Residue on ignition (as SO_4) ..... 1,5 %
Reducing substances (as $C_6H_{12}O_6$) ..... 0,7 %
Sensitivity as iodine reagent..... p/t.

Order code	Package	Units/Box st.
121096.1210	500 g P	6
121096.1211	1000 g P	6
121096.0914	5 kg PP	4
121096.0416	25 kg PP	

STARCH SOLUTIONS

Starch solution 1% RV

indicator for iodometry
$(C_6H_{10}O_5)n$

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

1l~1,003kg 1kg~0,997l

SPECIFICATIONS:
Sensitivity as iodine reagent..... p/t.

Order code	Package	Units/Box st.
283146.1209	250 ml P	6

Starch solution 1% VINIKIT

for determination of sulphurous gas (SO_2) in wine
$(C_6H_{10}O_5)n$

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

1l~1,003kg 1kg~0,997l

SPECIFICATIONS:
Sensitivity as iodine reagent..... p/t.

Order code	Package	Units/Box st.
623146.1208	100 ml P	6
623146.1210	500 ml P	6

Starch solution 2% VINIKIT

for determination of reducing sugar in wine, according to Rebelein method (see also Rebelein's Kit)
$(C_6H_{10}O_5)n$

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

1l~1,021kg 1kg~0,979l

SPECIFICATIONS:
Sensitivity as iodine reagent..... p/t.

Order code	Package	Units/Box st.
624567.1210	500 ml P	6

Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_{18}H_{36}O_2$

M: 284,49 CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) (stearic + palmitic acids) .. 96,0 %
Minimum assay (G.C. as methyl ester) (stearic acid) ..... 90,0 %
Identity according to Pharmacopoeias ..... p/t.
Melting range..... 66-69°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of substance ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Mineral acids ..... p/t.
Neutral fats or paraffins..... p/t.
Residual solvents (Ph.Eur./USP)..... p/t.
Acidity value 195-200
Iodine value 1,5
Heavy metals (as Pb)..... 0,001 %
Ni ..... 0,0001 %

Order code	Package	Units/Box st.
142590.1210	500 g	6
142590.1211	1000 g	6
142590.0914	5 kg	4
142590.0416	25 kg	

Stearic Acid, 98% PS

$C_{18}H_{36}O_2$

M: 284,49 CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester)..... 98 %
Identity..... IR p/t.
Melting range..... 67-70°C

Order code	Package	Units/Box st.
162590.1210	500 g	6
162590.1211	1000 g	6

Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) (stearic + palmitic acids) .... 90,0 %
Assay (G.C. as methyl ester) (stearic acid)..... 40,0-60,0 %
Minimum assay (G.C. as methyl ester) (palmitic acid)..... 40 %
Melting point..... 54-59°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of the substance ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Mineral acids ..... p/t.
Neutral fats or paraffins..... p/t.
Residual solvents (Ph.Eur./USP)..... p/t.
Acidity value 200-212
Iodine value 4,0
Heavy metals (as Pb)..... 0,001 %
Ni ..... 0,0001 %

Order code	Package	Units/Box st.
142512.1211	1000 g	6
142512.0914	5 kg	
142512.0416	25 kg	

Stearic Acid 50 (fatty acids mixture) (F.C.C.) ADITIO

CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Solidification point..... 54,5-69°C
Residue on ignition, not more than ..... 0,1 %
Unsaponifiable matter, not more than ..... 1,5 %
Acidity value 196-211
Saponification value 197-212
Iodine value 7
Water, not more than ..... 0,2 %
Lead, not more than ..... 2 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202512.0914	5 kg	

Stearic Acid Magnesium Salt

(see Magnesium Stearate)

Stearic Acid Methyl Ester

(see Methyl Stearate)

Stearic Acid Sodium Salt

(see Sodium Stearate)

Stearyl Alcohol, 96% PS

$CH_3(CH_2)_{17}OH$

M: 270,48 CAS: 112-92-5 EINECS: 204-017-6 NC: 2905 17 00

Minimum assay (G.C.) ..... 96 %
Identity..... IR p/t.
Melting range..... 57-60°C

Order code	Package	Units/Box st.
15A705.1209	250 g	6
15A705.1211	1000 g	6

STRONTIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Strontium Carbonate PRS

$SrCO_3$

M: 147,63 CAS: 1633-05-2 EINECS: 216-643-7 NC: 2836 92 00

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Insoluble matter in CH_3COOH ..... 0,025 %
Chloride (Cl)..... 0,02 %
Phosphate (PO_4) ..... 0,005 %
Cu ..... 0,002 %
Fe..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141306.1210	500 g	6
141306.1211	1000 g	6
141306.0914	5 kg	

Strontium Chloride 6-hydrate PRS

$SrCl_2.6H_2O$

M: 266,62 CAS: 10025-70-4 EINECS: 233-971-6 NC: 2827 39 85

SPECIFICATIONS:

Assay (Compl.) ..... 98-103 %
pH of 5% solution 5-7
Insoluble matter in H_2O..... 0,01 %
Sulphate (SO_4) ..... 0,005 %
Ca ..... 0,01 %
Cu ..... 0,002 %
Fe..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141307.1210	500 g	6
141307.1211	1000 g	6
141307.0914	5 kg	
141307.0416	25 kg	

Strontium Fluoride PRS

SrF_2

M: 125,62 CAS: 7783-48-4 EINECS: 232-000-3 NC: 2826 19 90

Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Carbonate..... p/t.
Chloride (Cl)..... 0,01 %
Cu ..... 0,002 %
Fe..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
142230.1210	500 g	6

Strontium Hydroxide 8-hydrate PRS

$Sr(OH)_2.8H_2O$

M: 265,76 CAS: 1311-10-0 EINECS: 242-367-1 NC: 2816 40 00

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Compl.) ..... 99 %
Insoluble matter in HCl ..... 0,01 %
Chloride (Cl)..... 0,005 %
Sulphide (S) ..... 0,001 %
Cu ..... 0,002 %
Fe..... 0,002 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141309.1211	1000 g	6
141309.0914	5 kg	

Strontium Nitrate PA-ACS

$Sr(NO_3)_2$

M: 211,63 CAS: 10042-76-9 EINECS: 233-131-9 NC: 2834 29 80 UN: 1507
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %
pH of 5% solution	5,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,1 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,0005 %
Ba	0,05 %
Ca	0,05 %
Cu	0,0005 %
Fe	0,0002 %
K	0,05 %
Mg	0,05 %
Na	0,05 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131310.1209	250 g	6
131310.1211	1000 g	6
131310.1214	5 kg	4

Strontium Nitrate PRS

$Sr(NO_3)_2$

M: 211,63 CAS: 10042-76-9 EINECS: 233-131-9 NC: 2834 29 80 UN: 1507
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H_2O	0,025 %
Acidity (as HNO_3)	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,02 %
Cu	0,002 %
Fe	0,005 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141310.1210	500 g	6
141310.1211	1000 g	6
141310.0914	5 kg	

Strontium Oxalate 1-hydrate PRS

$Sr(COO)_2.H_2O$

M: 193,65 CAS: 814-95-9 EINECS: 212-415-6 NC: 2917 11 00

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in HCl	0,05 %
Carbonate	p/t.
Chloride (Cl)	0,01 %
Cu	0,003 %
Fe	0,005 %
Mg	0,05 %
Ni	0,003 %

Order code	Package	Units/Box st.
141311.1210	500 g	6
141311.0914	5 kg	

Strontium Sulphate PRS

$SrSO_4$

M: 183,68 CAS: 7759-02-6 EINECS: 231-850-2 NC: 2833 29 90

SPECIFICATIONS:

Assay (Compl.)	98 %
Acidity and alkalinity	p/t.
Chloride (Cl)	0,005 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141312.1211	1000 g	6
141312.0914	5 kg	

Styrene, 99% stabilized with 4-tert-Butyl Pyrocatechol PS

C_8H_8

M: 104,15 CAS: 100-42-5 EINECS: 202-851-5 NC: 2902 50 00 UN: 2055
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H319-H315

1l~0,910kg 1kg~1,01l

SPECIFICATIONS:

Minimum assay (G.C)	99 %
Density at 20/4	0,904-0,908
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
15A780.1611	1000 ml	6
15A780.1612	2,5 l	4
15A780.1714	5 l	4

Succinic Acid (Reag. USP, Ph. Eur.) PA-ACS

$HOOCCH_2CH_2COOH$

M: 118,09 CAS: 110-15-6 EINECS: 203-740-4 NC: 2917 19 90
Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.)	99,5 %
Identity	IR p/t.
Melting range	185,0-187°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition	0,02 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,001 %
Phosphate (PO_4)	0,001 %
Sulphate (SO_4)	0,003 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131883.1209	250 g	6

Succinic Acid (E-363, F.C.C.) ADITIO

$HOOCCH_2CH_2COOH$

M: 118,09 CAS: 110-15-6 EINECS: 203-740-4 NC: 2917 19 90
Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as $C_4H_6O_4$)	99,0-100,5%
Melting Range	185,0-190,0°C
Residue on Ignition, not more than	0,025 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201883.1214	5 kg	4
201883.0416	25 kg	

Succinic Acid, 99% PS

$HOOCCH_2CH_2COOH$

M: 118,09 CAS: 110-15-6 EINECS: 203-740-4 NC: 2917 19 90
Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
Identity	IR p/t.
Melting range	185-188°C

Order code	Package	Units/Box st.
161883.1210	500 g	6
161883.1211	1000 g	6
161883.1214	5 kg	4

Succinic Anhydride, 99% PS

$C_4H_4O_3$

M: 100,07 CAS: 108-30-5 EINECS: 203-570-0 NC: 2917 19 90

Signal Word: Warning

H302-H319-H335

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99 %
Identity..... IR p/t.
Melting range..... 117-119°C

Order code	Package	Units/Box st.
15A714.1209	250 g	6
15A714.1211	1000 g	6

Succinimide, 99% PS

$C_4H_5NO_2$

M: 99,09 CAS: 123-56-8 EINECS: 204-635-6 NC: 2925 19 95

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99 %
Identity..... IR p/t.
Melting range..... 122-125°C

Order code	Package	Units/Box st.
15A870.1209	250 g	6
15A870.1211	1000 g	6

Sucrose

(see Saccharose)

Sudan III (C.I. 26100) DC

for microscopy, fatty acids and neutral fats staining in faeces

$C_{22}H_{16}N_4O$

M: 352,40 CAS: 85-86-9 EINECS: 201-638-4 NC: 3204 16 00

SPECIFICATIONS:

Identity..... IR p/t.
λ of max. ABS in C_6H_6 ..... 508-512 nm
A 1%, 1 cm, λmax..... >750
Ratio λmax. P ± 15 nm..... 0,94-1,01
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C..... 2 %

Order code	Package	Units/Box st.
251731.1606	25 g	6
251731.1608	100 g	6

Sudan IV (C.I. 26105) DC

for microscopy, fatty acids and neutral fats staining in faeces

$C_{24}H_{20}N_4O$

M: 380,45 CAS: 85-83-6 EINECS: 201-635-8 NC: 3204 16 00

SPECIFICATIONS:

Identity..... IR p/t.
λ of max. ABS in C_6H_6 ..... 519-523 nm
A 1%, 1 cm, λmax..... >600
Ratio λmax. P±15 nm..... 0,97-1,01
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C..... 3 %

Order code	Package	Units/Box st.
251858.1606	25 g	6

Sudan Black B (C.I. 26150) DC

for microscopy, fat staining

$C_{29}H_{24}N_6$

M: 456,55 CAS: 4197-25-5 EINECS: 224-087-1 NC: 3204 16 00

SPECIFICATIONS:

Identity..... IR p/t.
λ of max. ABS in C_2H_5OH ..... 596-605 nm
A 1%; 1 cm; λmax..... >390
Ratio λmax. P ± 15 nm..... 0,98-1,02
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C..... 1 %

Order code	Package	Units/Box st.
252069.1606	25 g	6
252069.1608	100 g	6

Sulphamic Acid (Reag. USP, Ph. Eur.) PA-ACS

H_3NO_3S

M: 97,07 CAS: 5329-14-6 EINECS: 226-218-8 NC: 2811 19 80 UN: 2967
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H319-H315-H412

SPECIFICATIONS:

Assay (Acidim.) a.d.s..... 99,5-100,3 %
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O..... 0,01 %
Residue on ignition..... 0,01 %
Chloride (Cl)..... 0,001 %
Sulphate (SO_4) ..... 0,05 %
Heavy metals (as Pb)..... 0,001 %
Cu ..... 0,001 %
Fe..... 0,0005 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
131056.1210	500 g	6
131056.1211	1000 g	6
131056.1214	5 kg	4
131056.0416	25 kg	

Sulphamic Acid, 99% PS

H_3NO_3S

M: 97,07 CAS: 5329-14-6 EINECS: 226-218-8 NC: 2811 19 80 UN: 2967
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H319-H315-H412

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
161056.1211	1000 g	6

Sulphan Blue

(see Disulphine Blue)

Sulphanilamide (Reag. Ph. Eur.) PA

$C_6H_8N_2O_2S$

M: 172,21 CAS: 63-74-1 EINECS: 200-563-4 NC: 2935 00 90

SPECIFICATIONS:

Minimum assay (HPLC)..... 99,0 %
Identity..... IR p/t.
Melting range..... 164-167°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl..... p/t.
Insoluble matter in NaOH..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %
Water (H_2O)..... 0,5 %
Chloride (Cl)..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cr..... 0,0005 %
Cu..... 0,0005 %
Fe..... 0,0005 %
Mn ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
122823.1208	100 g	6

Sulphanilamide (Ph. Fr., DAB) PRS-CODEX

$C_6H_8N_2O_2S$

M: 172,21 CAS: 63-74-1 EINECS: 200-563-4 NC: 2935 00 90

SPECIFICATIONS:

Assay (HPLC) calc. a.d.s..... 99-101 %
Identity..... IR p/t.
Melting range..... 164-167°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl..... p/t.
Insoluble matter in NaOH..... p/t.
Loss on drying at 105°C..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP)..... p/t.
Acidity..... p/t.
Chloride (Cl)..... 0,01 %
Sulphate (SO_4) ..... 0,02 %
Heavy metals (as Pb)..... 0,002 %

Order code	Package	Units/Box st.
142823.1210	500 g	6
142823.1211	1000 g	6
142823.0914	5 kg	

Sulphanilic Acid (Reag. Ph. Eur.) PA-ACS

$C_6H_7NO_3S$

M: 173,19 CAS: 121-57-3 EINECS: 204-482-5 NC: 2921 42 10

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Assay (Acidim.)	99,5-102,0%
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in Na_2CO_3	0,01 %
Residue on ignition	0,01 %
Sensitivity to NO_2	p/t.
Chloride (Cl)	0,002 %
Nitrite (NO_2)	0,00005 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,001 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131057.1209	250 g P	6
131057.1211	1000 g P	6
131057.0914	5 kg PP	
131057.0416	25 kg PP	

Sulphanilic Acid PRS

$C_6H_7NO_3S$

M: 173,19 CAS: 121-57-3 EINECS: 204-482-5 NC: 2921 42 10

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Assay (Acidim.)	99 %
Identity	IR p/t.
Insoluble matter in Na_2CO_3	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,05 %

Order code	Package	Units/Box st.
141057.1209	250 g P	6
141057.1211	1000 g P	6
141057.0914	5 kg PP	
141057.0416	25 kg PP	

Sulphanilic Acid, 99% PS

$C_6H_7NO_3S$

M: 173,19 CAS: 121-57-3 EINECS: 204-482-5 NC: 2921 42 10

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Assay	99 %
Identity	IR p/t.

Order code	Package	Units/Box st.
151057.1208	100 g P	6
151057.1210	500 g P	6

SULPHATE SOLUTIONS

(see Standards for Atomic Absorption and Ionic Chromatography)

5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS

$C_7H_6O_6S.2H_2O$

M: 254,22 CAS: 5965-83-3 EINECS: 202-555-6 NC: 2918 29 10 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Acidim.)	99,0-101,0%
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residue on ignition (as SO_4)	0,1 %
Salicilic acid ($C_7H_6O_3$)	0,04 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,02 %
Water (H_2O)	15 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
132838.1209	250 g P	6
132838.1211	1000 g P	6

SULPHUR SOLUTIONS

(see Standards for ICP)

Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX

for external use

S

M: 32,06 CAS: 7704-34-9 EINECS: 231-722-6 NC: 2802 00 00 UN: 1350

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H315

SPECIFICATIONS:

Assay	99,0-101,0%
Identity according to Pharmacopoeias	p/t.
Melting range	118-120°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Odour	p/t.
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t.
Acidity or alkalinity	p/t.
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
Sulphide	p/t.
Water (H_2O)	0,5 %
Arsenic and selenium (as As)	0,0002 %

Order code	Package	Units/Box st.
141163.1210	500 g P	6
141163.1211	1000 g P	6
141163.0914	5 kg PP	
141163.0416	25 kg	

Sulphur sublimated (USP) PRS-CODEX

S

M: 32,06 CAS: 7704-34-9 EINECS: 231-722-6 NC: 2802 00 00 UN: 1350

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

SPECIFICATIONS:

Signal Word: Warning



H315

Assay (a.d.s.)	99,5-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Solubility in Carbon Disulphide	p/t.
Residue on ignition (as SO_4)	0,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Acidity (as H_2SO_4)	0,2 %
Sulphide	p/t.
As	0,0004 %

Order code	Package	Units/Box st.
141164.1210	500 g P	6
141164.1211	1000 g P	6
141164.0914	5 kg PP	
141164.0416	25 kg	

Sulphur Trioxide-Pyridine (Complex) PS

$C_5H_5NO_3S$

M: 159,16 CAS: 26412-87-3 EINECS: 247-683-3 NC: 2942 00 00

Signal Word: Warning

H302-H319-H335-H315

SPECIFICATIONS:

Assay (SO_3) ..... ≥ 45 %

Order code	Package	Units/Box st.
15A720.1608	100 g	6

Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay (Acidim.) ..... 93-98 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag 50	Ge 100	Rh 50
Al 50	Hf 10	Sb 50
As 500	Hg 100	Sc 10
Ba 10	Ho 10	Se 500
Be 10	In 10	Sm 10
Bi 10	K 50	Sn 50
Ca 50	La 10	Sr 10
Cd 10	Li 10	Tb 10
Ce 10	Lu 10	Te 50
Co 10	Mg 50	Th 10
Cr 10	Mn 10	Ti 50
Cs 10	Mo 10	Tl 10
Cu 10	Na 50	Tm 10
Dy 10	Nb 10	U 10
Er 10	Nd 10	V 10
Eu 10	Ni 50	W 10
Fe 50	Pb 10	Y 10
Ga 10	Pr 10	Yb 10
Gd 10	Rb 10	Zn 50
		Zr 10

Analysis Type:

Ag 5	Hf 0,1	Rh 1
Al 30	Hg 50	Sb 10
As 500	Ho 0,1	Sc 5
Ba 10	In 1	Se 500
Be 5	K 50	Sm 0,1
Bi 1	La 1	Sn 50
Ca 50	Li 10	Sr 1
Cd 1	Lu 0,1	Ta 20
Ce 0,1	Mg 10	Tb 0,1
Co 1	Mn 1	Te 10
Cr 10	Mo 10	Th 0,1
Cs 1	Na 30	Ti 50
Cu 5	Nb 1	Tl 1
Dy 0,1	Nd 0,1	Tm 0,1
Er 0,1	Ni 20	U 0,1
Eu 0,1	Pb 5	V 5
Fe 30	Pd 10	W 5
Ga 1	Pr 0,1	Y 1
Gd 0,1	Pt 10	Yb 0,1
Ge 100	Rb 1	Zn 20
		Zr 5

Order code	Package	Units/Box st.
711058.0009	250 ml	6
711058.0010	500 ml	6

Sulphuric Acid 93-98% (TMA) HIPERPUR

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay (Acidim.) ..... 93-98 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Reducing substances to $KMnO_4$ ..... 0,002 %

Chloride (Cl) ..... 0,00007 %

Nitrate (NO_3) ..... 0,00002 %

Total phosphorus ..... 0,000005 %

Metals by ICP (ppb)

Analysis Type:

Ag 0,1	Hg 0,1	Se 5
Al 0,5	Ho 0,1	Sm 0,1
As 0,5	In 0,1	Sn 0,1
Au 0,1	K 0,5	Sr 0,1
Ba 0,1	La 0,1	Ta 0,5
Be 0,1	Li 0,1	Tb 0,1
Bi 0,1	Lu 0,1	Te 0,1
Ca 0,5	Mg 0,1	Th 0,1
Cd 0,1	Mn 0,5	Ti 0,5
Ce 0,1	Mo 0,1	Tl 0,1
Co 0,1	Na 0,5	Tm 0,1
Cr 0,1	Nb 0,1	U 0,1
Cs 0,1	Nd 0,1	V 0,1
Cu 0,1	Ni 0,1	W 0,5
Dy 0,1	Pb 0,1	Y 0,1
Er 0,1	Pd 0,5	Yb 0,1
Eu 0,1	Pr 0,1	Zn 0,2
Fe 0,5	Pt 0,5	Zr 0,1
Ga 0,1	Rb 0,1	
Gd 0,1	Rh 0,1	
Ge 0,1	Sb 1	
Hf 0,1	Sc 0,1	

Order code	Package	Units/Box st.
721058.0010	500 ml	6
721058.0011	1000 ml	6
721058.0012	2,5 l	4

Sulphuric Acid 96% (VLSI) EG

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay ..... 95,0-97,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter ..... 0,0003 %

Reducing substances to $KMnO_4$ ..... 0,0001 %

Chloride (Cl) ..... 0,00001 %

Phosphate (PO_4) ..... 0,00005 %

Nitrate (NO_3) ..... 0,00002 %

Ammonia ..... 0,0002 %

0,5 µm particles ..... 250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag 10	Co 10	Na 50
Al 50	Cr 10	Ni 10
As 10	Cu 10	Pb 10
Au 10	Fe 50	Sb 10
B 20	Ga 10	Sn 20
Ba 10	K 50	Sr 20
Be 10	Li 10	Ti 20
Bi 20	Mg 20	V 10
Ca 50	Mn 10	Zn 20
Cd 10	Mo 10	Zr 10

Order code	Package	Units/Box st.
871058.1212	2,5 l	4

S

Sulphuric Acid 95-98% (max. 0,0000005% Hg) PA-ACS-ISO

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay (Acidim.) ..... 95,0-98,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Residue on ignition ..... 0,0005 %
Reducing substances to $KMnO_4$ (as SO_2) ..... 0,0002 %
Suitability for COD determination according to UNE 77-004-89 ..... p/t.
Chloride (Cl) ..... 0,00001 %
Phosphate (PO_4) ..... 0,00005 %
Nitrate (NO_3) ..... 0,00002 %
Ammonium (NH_4) ..... 0,0002 %
Heavy metals (as Pb) ..... 0,0001 %
Hg 0,0000005%

Metals by ICP [mg/Kg (ppm)]

Ag	0,02	Cu	0,01	Pb	0,02
Al	0,05	Fe	0,1	Pt	0,1
As	0,01	Ga	0,05	Sb	0,01
Au	0,1	Ge	0,02	Si	0,1
B	0,05	In	0,05	Sn	0,05
Ba	0,05	K	0,1	Sr	0,02
Be	0,02	Li	0,02	Ti	0,02
Bi	0,05	Mg	0,05	Tl	0,02
Ca	0,2	Mn	0,01	V	0,01
Cd	0,02	Mo	0,02	Zn	0,05
Co	0,02	Na	0,5	Zr	0,02
Cr	0,02	Ni	0,02		

Order code	Package	Units/Box st.
471058.1611	1000 ml	6
471058.1612	2,5 l	4

Sulphuric Acid 96% PA-ISO

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 95,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Residue on ignition ..... 0,0005 %
Reducing substances to $KMnO_4$ (as SO_2) ..... 0,0002 %
Suitability for COD determination according to UNE 77-004-89 ..... p/t.
Chloride (Cl) ..... 0,00002 %
Phosphate (PO_4) ..... 0,00005 %
Nitrate (NO_3) ..... 0,00002 %
Ammonium (NH_4) ..... 0,0002 %
Heavy metals (as Pb) ..... 0,0001 %
Ag ..... 0,000002 %
Al ..... 0,000005 %
As ..... 0,000001 %
Be ..... 0,000002 %
Ca ..... 0,00002 %
Cd ..... 0,000002 %
Co ..... 0,000002 %
Cr ..... 0,000005 %
Cu ..... 0,000001 %
Fe ..... 0,00001 %
K ..... 0,00001 %
Li ..... 0,000002 %
Mg ..... 0,000005 %
Mn ..... 0,000001 %
Na ..... 0,00005 %
Ni ..... 0,000002 %
Pb ..... 0,000002 %
Sr ..... 0,000002 %
Zn ..... 0,000005 %

Order code	Package	Units/Box st.
131058.1611	1000 ml	6
131058.1211	1000 ml	6
131058.2211	1000 ml	6
131058.1612	2,5 l	4
131058.1212	2,5 l	4
131058.2212	2,5 l	4
131058.1214	5 l	4
131058.0716	25 l	
131058.0718	60 l	
131058.0719	200 l	

Sulphuric Acid 98% (UNE-EN 899) PA

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay (Acidim.) w/w ..... 98±1 %

MAXIMUM LIMIT OF IMPURITIES

Sulphur Dioxide (SO_2) ..... 100 mg/Kg
As ..... 0,4 mg/Kg
Cd ..... 0,1 mg/Kg
Cr ..... 4 mg/Kg
Fe ..... 100 mg/Kg
Hg ..... 0,1 mg/Kg
Ni ..... 4 mg/Kg
Pb ..... 4 mg/Kg
Sb ..... 1 mg/Kg
Se ..... 1 mg/Kg

Order code	Package	Units/Box st.
123163.0716	25 l	

Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay (Acidim.) ..... 95,0-98,0 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Residue on ignition ..... 0,002 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Reducing substances to $KMnO_4$ ..... p/t.
Chloride (Cl) ..... 0,001 %
Nitrate ..... p/t.
Ammonium (NH_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,0001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141058.1611	1000 ml	6
141058.1211	1000 ml	6
141058.1612	2,5 l	4
141058.1212	2,5 l	4
141058.1214	5 l	4
141058.0716	25 l	
141058.0718	60 l	

Sulphuric Acid 95-98% (F.C.C.) ADITIO

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay (Acidim.) ..... 95,0-98,0 %
Arsenic (as As), not more than ..... 3 ppm
Chloride, not more than ..... 0,005 %
Iron, not more than ..... 0,002 %
Lead, not more than ..... 5 ppm
Nitrate, not more than ..... 10 ppm
Reducing substances (as SO_2) ..... 0,004 %
Selenium, not more than ..... 0,002 %
Residue on ignition, not more than ..... 0,02 %
Mercury, not more than ..... 1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201058.1214	5 l	
201058.0716	25 l	

Sulphuric Acid 96% QP

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Assay (Acidim.) ..... 96 %
Fe ..... 0,01 %
Pb ..... 0,01 %

Order code	Package	Units/Box st.
211058.1611	1000 ml	6
211058.1211	1000 ml	6
211058.1214	5 l	4
211058.0716	25 l	
211058.0718	60 l	
211058.0719	200 l	

Sulphuric Acid 98% RE

for determination of N

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,84kg 1kg~0,54l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 98± 1 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition ..... 0,0005 %
Nitrogen compounds (as N) ..... 0,0005 %

Order code	Package	Units/Box st.
173163.1611	1000 ml	6
173163.1612	2,5 l	4
173163.1214	5 l	
173163.0716	25 l	

Sulphuric Acid 90-91% acc. to Gerber PA

for determination of fat in milk

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,823kg 1kg~0,549l

SPECIFICATIONS:

Assay (Acidim.) ..... 90-91 %
Density at 20/4 1,815-1,821

MAXIMUM LIMIT OF IMPURITIES

Nitrate (NO_3) ..... 0,00005 %
Suitability for fatty determination, according to Gerber ..... p/t.

Order code	Package	Units/Box st.
121010.1611	1000 ml	6
121010.1211	1000 ml	6
121010.1612	2,5 l	4
121010.1212	2,5 l	4
121010.1214	5 l	4
121010.0716	25 l	

Sulphuric Acid 25% PA

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,181kg 1kg~0,846l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 25 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Residue on ignition ..... 0,0005 %
Reducing substances to $KMnO_4$ (as SO_2) ..... 0,0002 %
Chloride (Cl) ..... 0,00002 %
Phosphate (PO_4) ..... 0,00005 %
Nitrate (NO_3) ..... 0,00002 %
Ammonium (NH_4) ..... 0,0002 %
Heavy metals (as Pb) ..... 0,0001 %
Ag ..... 0,000002 %
Al ..... 0,000005 %
As ..... 0,000001 %
Be ..... 0,000002 %
Ca ..... 0,00002 %
Cd ..... 0,000002 %
Co ..... 0,000002 %
Cr ..... 0,000005 %
Cu ..... 0,000001 %
Fe ..... 0,00001 %
K ..... 0,00001 %
Li ..... 0,000002 %
Mg ..... 0,000005 %
Mn ..... 0,000001 %
Na ..... 0,00005 %
Ni ..... 0,000002 %
Pb ..... 0,000002 %
Sr ..... 0,000002 %
Zn ..... 0,000005 %

Order code	Package	Units/Box st.
122448.1211	1000 ml	6

Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE

for determination of fat in cheese

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,522kg 1kg~0,657l

SPECIFICATIONS:

Density at 20/4 1,517-1,527

Order code	Package	Units/Box st.
173253.1611	1000 ml	6

Sulphuric Acid fuming ~20% SO_3 PS

$H_2O_4S.(SO_3)n$

$H_2SO_4.(SO_3)n$

M.= 98,08 NC: 2807 00 90 E.C.: 016-019-00-2 RTECS: WS 5605000
VLA-ED: 1 mg/m³ VLA-EC: 3 mg/m³ UN: 1831 ADR: 8/I IMDG: 8/I
IATA: 8/- PAX: P CAO: P (C/D)

Product controlled as a drug precursor

Signal Word: Danger



EUH014-H314-H335

1l~1,90kg 1kg~0,53l

SPECIFICATIONS:

Composition: ..... 18 %

Order code	Package	Units/Box st.
152777.2411	1000 ml	4

SULPHURIC ACID SOLUTIONS

Sulphuric Acid solution 1/3 w/v VINIKIT

acid liquor for determination of sulphurous gas (SO_2) in wines

H_2SO_4

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,203kg 1kg~0,831l

Composition:
Sulphuric Acid 96% ..... 20 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
621062.1209	250 ml	6
621062.1210	500 ml	6
621062.1211	1000 ml	6

Sulphuric Acid solution 16% v/v VINIKIT

acid solution for determination of reducing sugars in wine, according to Rebelein method (see also Rebelein's Kit)
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

1l~1,175kg 1kg~0,851l
Composition:
Sulphuric Acid 96%.....18 ml
Water s.q.m. .....100 ml

Order code	Package	Units/Box st.
624570.1210	500 ml	6

Sulphuric Acid 1/3 mol/l (2/3N) DC

deproteinizer, Folin and Wu's method
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,02kg 1kg~0,98l
Composition:
Sulphuric Acid 96%.....1,9 ml
Water s.q.m .....100 ml

Order code	Package	Units/Box st.
251063.1210	500 ml	6

Sulphuric Acid 0,01 mol/l (0,02N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182102.1211	1000 ml	6

Sulphuric Acid 0,025 mol/l (0,05N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182103.1211	1000 ml	6

Sulphuric Acid 0,05 mol/l (0,1N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,002kg 1kg~0,998l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181061.1211	1000 ml	6
181061.1212	2,5 l	4
181061.1214	5 l	4
181061.1315	10 l	(*)

Sulphuric Acid 0,05 mol (4,904g H_2SO_4) to prepare 1l of 0,1N solution SVc

H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Warning


H319-H315

SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303114.1920	1 ampoule	6

Sulphuric Acid 0,1 mol/l (0,2N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,005kg 1kg~0,995l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182011.1211	1000 ml	6

Sulphuric Acid 0,1275 mol/l (0,255N) SV

for determination of raw fibre according to Weende. Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,011kg 1kg~0,989l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
183335.1211	1000 ml	6
183335.1214	5 l	4
183335.1315	10 l	(*)

Sulphuric Acid 0,13 mol/l (0,26N) RE

for determination of raw fibre according to ISO 6865:2000
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,011kg 1kg~0,989l
SPECIFICATIONS:
Concentration.....0,13±0,005 mol/l

Order code	Package	Units/Box st.
176191.1211	1000 ml	6
176191.1214	5 l	4

Sulphuric Acid 0,25 mol/l (0,5N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,016kg 1kg~0,984l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181060.1211	1000 ml	6
181060.1212	2,5 l	4
181060.1315	10 l	(*)

Sulphuric Acid 0,5 mol/l (1N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
1l~1,030kg 1kg~0,971l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
181059.1211	1000 ml	6
181059.1212	2,5 l	4
181059.1214	5 l	4
181059.1315	10 l	(*)
181059.0716	25 l	

Sulphuric Acid 0,5 mol (49,039g H_2SO_4) to prepare 1l of 1N solution SVc

H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger


H314

SPECIFICATIONS:
Titer .....1,000 ±0,002

Order code	Package	Units/Box st.
303115.1920	1 ampoule	6

(*) Sol-Pack pack with tap

Sulphuric Acid 1 mol/l (2N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Warning

H319-H315
1l~1,06kg 1kg~0,94l
SPECIFICATIONS:
Titer .....1,000 ±0,001

Order code	Package	Units/Box st.
182105.1211	1000 ml	6

Sulphuric Acid 2,5 mol/l (5N) SV

Indicator: Methyl Red
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger

H314
1l~1,15kg 1kg~0,87l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182106.1211	1000 ml	6

Sulphuric Acid 4 mol/l (8N) SV

for determination of COD according to NFT 90-101/ISO 6060:1989/UNE 77-004-02
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger

H314 CE: 016-020-00-8
1l~1,234kg 1kg~0,810l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
185314.1211	1000 ml	6

Sulphuric Acid 5 mol/l (10N) SV

Indicator: Methyl Red.
H_2SO_4
M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger

H314
1l~1,291kg 1kg~0,775l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
186364.1211	1000 ml	6
186364.1315	10 l	(*)

Sulphuric Acid Diethyl Ester

(see Diethyle Sulphate)

Sulphuric Acid Dimethyl Ester

(see Dimethyl Sulphate)

Sulphuric Ether

(see Diethyl Ether)

Sulphurous Acid solution 6% PA-ACS

H_2SO_3
M: 82,08 CAS: 7782-99-2 EINECS: 231-973-1 NC: 2811 19 80 UN: 1833
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Warning

H332-H319-H335-H315
1l~1,03kg 1kg~0,97l
SPECIFICATIONS:
Minimum assay (as SO_2) (Iodom.).....6,0 %
MAXIMUM LIMIT OF IMPURITIES
Residue on ignition.....0,005 %
Chloride (Cl).....0,0005 %
Heavy metals (as Pb).....0,0002 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,02	Fe	0,5	Pt	0,1
Al	0,05	Ga	0,05	Sb	0,02
As	0,5	Ge	0,02	Si	0,1
Au	0,1	Hg	0,1	Sn	0,05
B	0,05	In	0,05	Sr	0,02
Ba	0,05	K	0,1	Ti	0,05
Be	0,02	Li	0,02	Tl	0,02
Bi	0,05	Mn	0,02	V	0,02
Cd	0,05	Mo	0,02	Zn	0,2
Co	0,02	Na	2	Zr	0,05
Cr	0,02	Ni	0,02		
Cu	0,05	Pb	0,02		

Order code	Package	Units/Box st.
131064.1611	1000 ml	6
131064.0716	25 l	

Sulphuryl Chloride, 98% PS

Cl_2O_2S
M: 134,97 CAS: 7791-25-5 EINECS: 232-245-6 NC: 2812 10 99 UN: 1834
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
Signal Word: Danger

EUH014-H314-H335
1l~1,666kg 1kg~0,600l
SPECIFICATIONS:
Minimum assay (Acidim.).....98 %
Density at 20/4 1,664-1,668

Order code	Package	Units/Box st.
15A871.1611	1000 ml	6

Supplements for Microbiology

(see chapter CULTIMED products)

Surfactant Determination Indicator

(see Indicator, Mixed (Dimidium Bromide-Disulphine Blue))

Sweet Almonds Oil QP

NC: 3301 90 90
1l~0,917kg 1kg~1,091l
SPECIFICATIONS:
Identity.....IR p/t.
Density at 20/4 0,914-0,920

Order code	Package	Units/Box st.
212805.1609	250 ml	6
212805.1611	1000 ml	6
212805.1214	5 l	4
212805.0716	25 l	

Tablets, wide spectrum

(see Wide spectrum Microtablets)

(*) Sol-Pack pack with tap

Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX

$3MgO.4SiO_2.H_2O$

M: 379,29 CAS: 14807-96-6 EINECS: 238-877-9 NC: 2526 20 00

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
pH 7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition ..... 6,5 %
Loss on drying ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t
Soluble matter in H_2O ..... 0,2 %
Acidity or alkalinity ..... p/t.
Acidity or alkalinity (according to Ph. Eur.) ..... p/t.
Asbestos ..... p/t.
Organic substances ..... p/t.
Carbonate ..... p/t.
Chloride (Cl) ..... 0,014 %
Heavy metals (as Pb) ..... 0,004 %
Total aerobic microbial count (TAMC) ..... 1000 cfu/g
Total combined yeast and moulds (TYMC) ..... 100 cfu/g
Al ..... 2,0 %
As ..... 0,0003 %
Ca ..... 0,90 %
Fe ..... 0,25 %
Mg ..... 17,0-19,5 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141733.1210	500 g (P)	6
141733.1211	1000 g (P)	6
141733.0914	5 kg (PP)	
141733.0416	25 kg (PP)	

Talc washed (E-553b, F.C.C.) ADITIO

$3MgO.4SiO_2.H_2O$

M: 379,29 CAS: 14807-96-6 EINECS: 238-877-9 NC: 2526 20 00

SPECIFICATIONS:

Acid-soluble substances (as SO_4), not more than ..... 2,5 %
Arsenic (as As), not more than ..... 3 ppm
Free alkali (as NaOH), not more than ..... 1 %
Lead, not more than ..... 5 ppm
Loss on drying, not more than ..... 0,5 %
Loss on ignition, not more than ..... 6,0 %
Soluble salts, not more than ..... 0,2 %
Iron soluble in acid ..... p/t.
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201733.0914	5 kg (PP)	
201733.0416	25 kg (PP)	

Tannic Acid PA-ACS

CAS: 1401-55-4 EINECS: 215-753-2 NC: 3201 90 90

SPECIFICATIONS:

Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in water ..... p/t.
Loss on drying at 105°C ..... 12,0 %
Residue on ignition (as SO_4) ..... 0,5 %
Sugars and Dextrin ..... p/t.
Heavy metals (as Pb) ..... 0,003 %

Metals by ICP [mg/Kg (ppm)]

As 3
Cu 20
Ni 20
Pb 20
Zn 50

Order code	Package	Units/Box st.
131065.1209	250 g (P)	6

Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CAS: 1401-55-4 EINECS: 215-753-2 NC: 3201 90 90

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... p/t.
Loss on drying at 105°C ..... 12,0 %
Residue on ignition (as SO_4) ..... 0,1 %
Gum, dextrin, salts and sugars ..... p/t.
Organic volatile impurities ..... p/t
Resinous substances ..... p/t.
Heavy metals (as Pb) ..... 0,004 %
As ..... 0,0003 %
Cu ..... 0,003 %
Ni ..... 0,003 %
Pb ..... 0,003 %

Order code	Package	Units/Box st.
141065.1209	250 g (P)	6
141065.1210	500 g (P)	6
141065.0914	5 kg (PP)	
141065.0416	25 kg	

Tannic Acid (F.C.C.) ADITIO

CAS: 1401-55-4 EINECS: 215-753-2 NC: 3201 90 90

SPECIFICATIONS:

Assay calc. a.d.s.s, not more than ..... 96 %
Arsenic (as As), not more than ..... 3 ppm
Gum or dextrin ..... p/t.
Heavy metals (as Pb), not more than ..... 0,002 %
Lead, not more than ..... 2 ppm
Loss on drying, not more than ..... 7,0 %
Residue on ignition, not more than ..... 1,0 %
Resinous substances ..... p/t.
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201065.0914	5 kg (PP)	

Tannine

(see Tannic Acid)

TANTALUM SOLUTIONS

(see Standards for ICP)

TAPS

(see N-[Tris (Hydroxymethyl) Methyl] 3-Aminopropanesulphonic Acid)

TAPSO

(see 2-Hydroxy-N-[Tris (Hydroxymethyl) Methyl] 3-Aminopropanesulphonic Acid)

D(-)-Tartaric Acid, 99% PS

$CO_2HCH(OH)CH(OH)CO_2H$

M: 150,08 CAS: 147-71-7 EINECS: 205-695-6 NC: 2918 12 00

Signal Word: Warning

H319

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A239.1606	25 g	6
15A239.1608	100 g	6

L(+)-Tartaric Acid PA-ACS

$(CHOH)_2(COOH)_2$

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning

H319

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99,5 %
Identity ..... IR p/t.
Specific rotation $[\alpha]^{20}/D$ c=10 (in H_2O) ..... +12,0 to+13,0°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,01 %
Chloride (Cl) ..... 0,0005 %
Phosphate (PO_4) ..... 0,001 %
Oxalate (C_2O_4) ..... 0,03 %
Sulphur compounds (as SO_4) ..... 0,002 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00002 %
Ca ..... 0,002 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Mg ..... 0,002 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
131066.1210	500 g (P)	6
131066.1211	1000 g (P)	6
131066.1214	5 kg (P)	4
131066.0416	25 kg (PP)	

L(+)-Tartaric Acid PRS

$(CHOH)_2(COOH)_2$

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. ..... 99,5 %
Specific rotation $[\alpha]^{20}$/D c=20 (in H_2O) ..... +12,0 to +12,8°
Insoluble matter in H_2O ..... 0,005 %
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,003 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,015 %
As ..... 0,0001 %
Ca ..... 0,02 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Mg ..... 0,02 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141066.1210	500 g	6
141066.1211	1000 g	6
141066.1214	5 kg	4
141066.0416	25 kg	

L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.) CODEX

$(CHOH)_2(COOH)_2$

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

Assay (Acidim.) calc. a.d.s. 99,7-100,5%
Identity according to Pharmacopoeias ..... p/t.
Specific rotation $[\alpha]^{20}$/D c=20 (in H_2O) ..... +12,0 to +12,8°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Loss on drying at 105°C ..... 0,2 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,01 %
Oxalate (C_2O_4) ..... 0,03 %
Oxalate (USP) ..... p/t.
Sulphate (SO_4) ..... 0,015 %
Sulphate (USP) ..... p/t.
Heavy metals (as Pb) ..... 0,001 %
Ca ..... 0,02 %

Order code	Package	Units/Box st.
191066.1214	5 kg	4
191066.0416	25 kg	

L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO

$(CHOH)_2(COOH)_2$

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as $C_4H_6O_6$) after drying 99,7-100,5%
Loss on drying, not more than ..... 0,5 %
Melting range ..... 168-170°C
Oxalate (as Oxalic Ac.) a.d.s, not more than ..... 0,01 %
Residue on ignition, not more than ..... 0,05 %
Specific rotation $[\alpha]^{20}$/D ..... +12,0 to +13,0°
Sulphate ..... p/t.
Lead, not more than ..... 2 ppm
Heavy metals (as Pb), not more than ..... 10 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201066.1214	5 kg	4
201066.0416	25 kg	

L(+)-Tartaric Acid QP

$(CHOH)_2(COOH)_2$

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) ..... 99 %

Order code	Package	Units/Box st.
211066.1214	5 kg	4

L(+)-Tartaric Acid Diethyl Ester

(see Diethyl L(+)-Tartrate)

Tartrazine (C.I. 19140) DC

for microscopy, celular body inclusion

$C_{16}H_9N_4Na_3O_9S_2$

M: 534,37 CAS: 1934-21-0 EINECS: 217-699-5 NC: 3212 90 90

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 421-427 nm
A 1%, 1 cm, λmax ..... >400
Ratio λmax P ± 15 nm 0,96-1,05
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C ..... 15 %

Order code	Package	Units/Box st.
251734.1606	25 g	6
251734.1608	100 g	6

Tartrazine solution 0,5 % w/v RE

for Specified Risk Material staining

$C_{16}H_9N_4Na_3O_9S_2$

M: 534,37 CAS: 1934-21-0 EINECS: 217-699-5 NC: 3822 00 00

1l~1,005kg 1kg~0,995l

Composition:
Tartrazine (C.I. 19140) ..... 0,5 g
Water s.q.m. ..... 100 ml

Order code	Package	Units/Box st.
175631.1214	5 l	4

Taurine, 99% PS

$H_2NCH_2CH_2SO_3H$

M: 125,14 CAS: 107-35-7 EINECS: 203-483-8 NC: 2921 19 80

SPECIFICATIONS:

Assay ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B871.1208	100 g	6
15B871.1210	500 g	6

TBAB

(see Tetrabutylammonium Bromide)

TBAH

(see Tetrabutylammonium Hydroxide)

TBHP

(see tert-Butyl Hydroperoxide)

TCA

(see Trichloroacetic Acid)

TEA

(see Triethanolamine)

TELLURIUM SOLUTIONS

(see Standards for ICP)

TERBIUM SOLUTIONS

(see Standards for ICP)

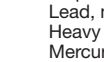
γ-Terpinene, 95% PS

$C_{10}H_{16}$

M: 136,24 CAS: 99-85-4 EINECS: 202-794-6 NC: 2902 19 10 UN: 2319

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l~0,844kg 1kg~1,184l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95 %
Identity ..... IR p/t.
Density at 20/4 0,845-0,850

Order code	Package	Units/Box st.
15A582.1611	1000 ml	6
15A582.0314	5 l	4

α-Terpineol, 70% PS

$C_{10}H_{18}O$

M: 154,25 CAS: 98-55-5 EINECS: 202-680-6 NC: 2906 19 00

1l~0,933kg 1kg~1,072l

SPECIFICATIONS:

Assay (as α-Terpineol) (G.C.) ..... 70 %
Assay (as $C_{10}H_{18}O$) (G.C.) ..... 97 %
Refractive index 1,4800-1,4855
Density at 20/4 0,931-0,935

Order code	Package	Units/Box st.
15A585.1609	250 ml	6
15A585.1611	1000 ml	6

TES
(see N-[Tris (Hydroxymethyl) Methyl] 2-Aminoethanesulphonic Acid)

3,3',5,5'-Tetrabromo m-Cresolsulphonphthalein
(see Bromocresol Green)

1,1,2,2-Tetrabromoethane PRS
$Br_2CHCHBr_2$

M: 345,67 CAS: 79-27-6 EINECS: 201-191-5 NC: 2903 39 19 UN: 2504
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H330-H319-H412

1l~2,950kg 1kg~0,339l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 2,935-2,966
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
141735.1611	1000 g	6
141735.1614	5 kg	4

1,1,2,2-Tetrabromoethane, 98,5% PS
$Br_2CHCHBr_2$

M: 345,67 CAS: 79-27-6 EINECS: 201-191-5 NC: 2903 39 19 UN: 2504
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Danger



H330-H319-H412

1l~2,950kg 1kg~0,339l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 2,935-2,966
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
151735.1609	250 g	6
151735.1611	1000 g	6

3',3",5',5"-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA
pH indicator in non aqueous medium 3,0 yellow 4,2 blue
$C_{22}H_{13}Br_4KO_4$

M: 700,08 CAS: 62637-91-6 EINECS: 263-661-6 NC: 2932 29 85
SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in CH_3OH ..... 596-600 nm
A 1%, 1cm, λmax ..... >300
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 110°C ..... 5 %
Cu ..... 0,005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
123605.1603	1 g	6

Tetrabutylammonium Borohydride, 97% PS
$C_{16}H_{40}BN$

M: 257,31 CAS: 33725-74-5 EINECS: 251-658-2 NC: 2942 00 00 UN: 2813
IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417
Signal Word: Danger



H261-H314

SPECIFICATIONS:
Minimum assay ..... 97 %

Order code	Package	Units/Box st.
15A474.1607	50 g	6

Tetrabutylammonium Bromide, 98% PS
$C_{16}H_{36}BrN$

M: 322,37 CAS: 1643-19-2 EINECS: 216-699-2 NC: 2923 90 00
SPECIFICATIONS:
Minimum assay (Arg.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 100-103°C

Order code	Package	Units/Box st.
15A874.1608	100 g	6
15A874.1610	500 g	6

Tetrabutylammonium Hexafluorophosphate, 98% PS
$(CH_3CH_2CH_2CH_2)_4N(PF_6)$

M: 387,43 CAS: 3109-63-5 EINECS: 221-472-6 NC: 2923 90 00
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:
Minimum assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 224-226 °C

Order code	Package	Units/Box st.
15A875.1206	25 g	6

Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI
for ion pair chromatography
$C_{16}H_{37}NO_4S$

M: 339,54 CAS: 32503-27-8 EINECS: 251-068-5 NC: 2923 90 00
SPECIFICATIONS:
Minimum assay (Acidim.) ..... 99 %
Identity ..... IR p/t.
UV Spectrum (aqueous sol. 0,005M)
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220
A (AU)	0,15	0,05
T (%)	70,8	89,13

Order code	Package	Units/Box st.
363622.1605	10 g	6
363622.1606	25 g	6

Tetrabutylammonium Hydrogen Sulphate, 98% PS
$C_{16}H_{37}NO_4S$

M: 339,54 CAS: 32503-27-8 EINECS: 251-068-5 NC: 2923 90 00
SPECIFICATIONS:
Minimum assay ..... 98 %
Identity ..... IR p/t.
Melting range ..... 169-172 °C

Order code	Package	Units/Box st.
153622.1208	100 g	6
153622.1210	500 g	6

TETRABUTYLAMMONIUM HYDROXIDE SOLUTIONS

Tetrabutylammonium Hydroxide aqueous solution 20% w/w PS
$C_{16}H_{37}NO$

M: 259,48 CAS: 2052-49-5 EINECS: 218-147-6 NC: 2923 90 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H226-H314-H301

1l~0,99kg 1kg~1,01l

SPECIFICATIONS:
Minimum assay (Acidim.) (w/w) ..... 20 %
Density at 20/4 0,989-0,994

Order code	Package	Units/Box st.
15A876.1209	250 ml	6

Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV
$C_{16}H_{37}NO$

M: 259,48 CAS: 2052-49-5 NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H301-H319-H336

1l~0,793kg 1kg~1,261l

SPECIFICATIONS:
Titer ..... 1,000 ±0,001
Bottled with nitrogen.

Order code	Package	Units/Box st.
183669.1610	500 ml	6

Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV

$C_{16}H_{37}NO$

M: 259,48 CAS: 2052-49-5 EINECS: 218-147-6 NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302-H370

SPECIFICATIONS:
Titer ..... 1,000±0,001

Order code	Package	Units/Box st.
185225.1610	500 ml	6

Tetrabutylammonium Iodide, 98% PS

$C_{16}H_{36}IN$

M: 369,38 CAS: 311-28-4 EINECS: 206-220-5 NC: 2923 90 00
Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A235.1606	25 g	6
15A235.1608	100 g	6
15A235.1610	500 g	6

Tetrachloroauric Acid(III) 3-hydrate PA-ACS

$H(AuCl_4).3H_2O$

M: 393,83 CAS: 16961-25-4 EINECS: 240-948-4 NC: 2843 30 00 UN: 3260
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H317

SPECIFICATIONS:
Minimum assay (Au) ..... 49,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in $C_2H_5OC_2H_5$ ..... 0,1 %
Alkalis and other salts (as SO_4) ..... 0,2 %

Order code	Package	Units/Box st.
134432.1503	1 g	6

1,1,2,2-Tetrachloroethane, 98% PS

$CHCl_2HCCl_2$

M: 167,84 CAS: 79-34-5 EINECS: 201-197-8 NC: 2903 19 80 UN: 1702
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
Signal Word: Danger



H330-H310-H411

1l~1,594kg 1kg~0,627l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 1,594-1,596
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
164446.1609	250 ml	6
164446.1611	1000 ml	6

1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI

$CDCl_2CDCl_2$

M: 169,86 CAS: 33685-54-0 EINECS: 251-634-1 NC: 2845 90 10 UN: 1702
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
Signal Word: Danger



H330-H310-H411

1l~1,62kg 1kg~0,62l

SPECIFICATIONS:
Deuteration degree min. ..... 99,5 %
NMR suitability ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Water (H_2O+D_2O) ..... 0,03 %

Order code	Package	Units/Box st.
745866.02130	10 x 0,75 ml	6
745866.1605	10 ml	6

1,1,2,2-Tetrachloroethane-Phenol

(see Phenol-1,1,2,2-Tetrachloroethane)

Tetrachloroethylene (UV-IR-HPLC-GPC) PAI

Cl_2CCl_2C

M: 165,83 CAS: 127-18-4 EINECS: 204-825-9 NC: 2903 23 00 UN: 1897
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351-H411

1l~1,622kg 1kg~0,617l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 1,620-1,624
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non volatile matter ..... 0,0005 %
Acidity ..... 0,0005 meq/g
Alkalinity ..... 0,0004 meq/g
Water (H_2O) ..... 0,01 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	290 (Cut off)	295	300	305	350	400-500
A (AU)	1,000	0,301	0,097	0,071	0,051	0,027
T (%)	10	50	80	85	89	94

Fluorescence (as quinine):

λ (nm)	365
ppb	2

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361455.1611	1000 ml	6

Tetrachloroethylene PRS

Cl_2CCl_2C

M: 165,83 CAS: 127-18-4 EINECS: 204-825-9 NC: 2903 23 00 UN: 1897
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351-H411

1l~1,622kg 1kg~0,617l

SPECIFICATIONS:
Assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,620-1,624
Non-volatile matter ..... 0,005 %
Trichloromethane (G.C.) ..... 0,05 %
Trichloroethylene (G.C.) ..... 0,1 %
Acidity ..... 0,002 meq/g
Alkalinity ..... 0,002 meq/g
Water (H_2O) ..... 0,1 %
Chloride (Cl) ..... 0,001 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141455.1611	1000 ml	6
141455.1612	2,5 l	4
141455.1714	5 l	4
141455.0616	25 l	

Tetrachloroethylene, 99,5% PS

Cl_2CCl_2C

M: 165,83 CAS: 127-18-4 EINECS: 204-825-9 NC: 2903 23 00 UN: 1897
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H351-H411

1l~1,622kg 1kg~0,617l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 1,620-1,624
Non-volatile matter ..... 0,005 %
Acidity (as HCl) ..... 0,005 %
Water (H_2O) ..... 0,02 %

Order code	Package	Units/Box st.
161455.1611	1000 ml	6
161455.1612	2,5 l	4
161455.1714	5 l	4
161455.0616	25 l	

Tetrachloromethane

(see Carbon Tetrachloride)

Tetradecanoic Acid

(see Myristic Acid)

Tetradecanoic Acid Methyl Ester

(see Methyl Myristate)

Tetraethylammonium Bromide, 99% PS

$C_8H_{20}BrN$

M: 210,16 CAS: 71-91-0 EINECS: 200-769-4 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A206.1607	50 g	6
15A206.1609	250 g	6

Tetraethylrhodamine

(see Rhodamine B)

Tetrafluoroboric Acid 35% PA

HBF_4

M: 87,81 CAS: 16872-11-0 EINECS: 240-898-3 NC: 2811 19 80 UN: 1775

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l~1,26kg 1kg~0,79l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 35,0 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition..... 0,01 %
Free Hydrofluoric Acid (HF) ..... 0,02 %
Chloride (Cl)..... 0,001 %
Sulphate (SO_4) ..... 0,005 %
Cu..... 0,0005 %
Fe..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
121027.1211	1000 ml	6
121027.0716	25 l	

1,2,3,4-Tetrahydrobenzene

(see Cyclohexene)

Tetrahydrofuran (UV-IR-HPLC-GPC) PAI

C_4H_8O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H319-H335

1l~0,890kg 1kg~1,124l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,888-0,892

MAXIMUM LIMIT OF IMPURITIES

APHA colour..... 10
Non volatile matter ..... 0,0002 %
Peroxides (as H_2O_2)..... 0,02 %*
Acidity..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O)..... 0,02 %
Suitability for IR spectrometry..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	215 (Cut off)	240	245	260	265	275	310-450
A (AU)	1,000	0,523	0,301	0,155	0,097	0,046	0,004
T (%)	10	30	50	70	80	90	99

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity..... 4,0
Eluotropic value E°(Al_2O_3) 0,57
Sol. H_2O in solv. at 20°C..... miscible
For critical jobs, purge with nitrogen.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
361736.1611	1000 ml	6
361736.1612	2,5 l	4

Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS

C_4H_8O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H319-H335

1l~0,890kg 1kg~1,124l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,7 %
Identity..... IR p/t.
Density at 20/4 0,888-0,892

MAXIMUM LIMIT OF IMPURITIES

APHA colour..... 20
Non-volatile matter..... 0,03 %
Acetone (G.C.) ..... 0,05 %
1-Butanol (G.C.)..... 0,05 %
1-Propanol (G.C.)..... 0,05 %
2-Propanol (G.C.)..... 0,05 %
Peroxides (as H_2O_2)..... 0,015 %*
Acidity..... 0,0005 meq/g
Water (H_2O)..... 0,0075 %

*At the moment of the batch analysis

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
483537.1611	1000 ml	6

Tetrahydrofuran stabilized with ~300 ppm of BHT PA-ACS

C_4H_8O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H319-H335

1l~0,890kg 1kg~1,124l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour..... 20
Non-volatile matter..... 0,03 %
Acetone (G.C.) ..... 0,05 %
1-Butanol (G.C.)..... 0,05 %
1-Propanol (G.C.)..... 0,05 %
2-Propanol (G.C.)..... 0,05 %
Peroxides (as H_2O_2)..... 0,015 %*
Acidity..... 0,0005 meq/g
Water (H_2O)..... 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

*At the moment of the batch analysis

Order code	Package	Units/Box st.
133537.1611	1000 ml	6
133537.1612	2,5 l	4
133537.0314	5 l	4
133537.0316	25 l	

Tetrahydrofuran stabilized with ~300 ppm of BHT PRS

C_4H_8O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH019-H319-H335

1l~0,890kg 1kg~1,124l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t.
Non-volatile matter	0,05 %
Water (H_2O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
143537.1611	1000 ml	6
143537.1612	2,5 l	4
143537.0314	5 l	4
143537.0616	25 l	

Tetrahydrofuran, 99,5% stabilized with ~300 ppm of BHT PS

C_4H_8O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH019-H319-H335

1l~0,890kg 1kg~1,124l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Non-volatile matter	0,03 %
Peroxides (as H_2O_2)	0,05 %*
Water (H_2O)	0,03 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
163537.1611	1000 ml	6
163537.1612	2,5 l	4
163537.1714	5 l	4
163537.0616	25 l	

Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI

C_4D_8O

M: 80,16 CAS: 1693-74-9 EINECS: 216-898-4 NC: 2845 90 10 UN: 2056
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-EUH019-H319-H335

1l~0,99kg 1kg~1,01l

SPECIFICATIONS:

Deuteration degree min.	99,5 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,05 %

Order code	Package	Units/Box st.
745867.02130	10 x 0,75 ml	6
745867.1605	10 ml	6

1,2,3,4-Tetrahydronaphthalene, 98% PS

$C_{10}H_{12}$

M: 132,21 CAS: 119-64-2 EINECS: 204-340-2 NC: 2902 90 90 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning



H319-H315-H411-EUH019

1l~0,968kg 1kg~1,033l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,967-0,969

Order code	Package	Units/Box st.
15A587.1611	1000 ml	6

Tetrahydro-1,4-Oxazine

(see Morpholine)

Tetrahydropyrrol

(see Pyrrolidine)

(3aR, 4R, 7S, 7aS)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(3aR*, 4R*, 7S*, 7aS*)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(3aS, 4S, 7R, 7aR)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Tetralin

(see 1,2,3,4-Tetrahydronaphthalene)

Tetramethylammonium Chloride, 98% PS

$C_4H_{12}ClN$

M: 109,60 CAS: 75-57-0 EINECS: 200-880-8 NC: 2923 90 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H411-H301

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15B060.1608	100 g	6

3,3',5,5'-Tetramethylbenzidine (Reag. Ph. Eur.) PA

$C_{16}H_{20}N_2$

M: 240,35 CAS: 54827-17-7 EINECS: 259-364-6 NC: 2921 59 90

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	96,0 %
Identity	IR p/t.
Melting range	166-170°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COOH	p/t.
Loss on drying at 120°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,02 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121080.1603	1 g	6

1,1,3,3-Tetramethyldisiloxane, 97% PS

$C_4H_{14}OSi_2$

M: 134,33 CAS: 3277-26-7 EINECS: 221-906-4 NC: 2931 00 95 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l~0,758kg 1kg~1,319l

SPECIFICATIONS:

Minimum assay (G.C.)	97 %
Density at 20/4	0,757-0,759

Order code	Package	Units/Box st.
15A586.1606	25 ml	6
15A586.1608	100 ml	6

Tetramethylene Chlorobromide

(see 1-Bromo-4-Chlorobutane)

Tetramethyleneglycol

(see 1,4-Butanediol)

Tetramethylsilane (NMR) PAI

calibration standard for NMR-spectroscopy
$(CH_3)_4Si$

M: 88,23 CAS: 75-76-3 EINECS: 200-899-1 NC: 2931 00 95 UN: 2749
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: P CAO: 304
Signal Word: Danger



H224

1l~0,64kg 1kg~1,56l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
NMR suitability	p/t.

Order code	Package	Units/Box st.
745335.1607	50 ml	6
745335.1608	100 ml	6

1,1,3,3-Tetramethylurea, 99% PS

$[(CH_3)_2N]_2CO$

M: 116,16 CAS: 632-22-4 EINECS: 211-173-9 NC: 2924 19 00

Signal Word: Danger



H360-H302

1l~0,969kg 1kg~1,032l

SPECIFICATIONS:

Assay (G.C.) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C357.1604	5 ml	6
15C357.1608	100 ml	6

Tetraoctylammonium Bromide, 98% PS

$C_{32}H_{68}BrN$

M: 546,81 CAS: 14866-33-2 EINECS: 238-936-9 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A211.1604	5 g	6
15A211.1606	25 g	6

TFA

(see Trifluoroacetic Acid)

TFAA

(see Trifluoroacetic Anhydride)

THALLIUM SOLUTIONS

(see Standards for ICP)

THAM

(see Tris (Hydroxymethyl) Aminomethane)

THF

(see Tetrahydrofuran)

Thimerosal

(see 2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt)

Thioacetamide (Reag. Ph. Eur.) PA-ACS

C_2H_5NS

M: 75,13 CAS: 62-55-5 EINECS: 200-541-4 NC: 2930 90 85

Signal Word: Danger



H350-H302-H319-H315-H412

SPECIFICATIONS:

Minimum assay (Arg.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 111-114°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... p/t.
Residue on ignition (as SO_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,001 %
Ca ..... 0,002 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,0005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
134887.1607	50 g	6
134887.1609	250 g	6
134887.1611	1000 g	6

Thioacetamide, 98% PS

C_2H_5NS

M: 75,13 CAS: 62-55-5 EINECS: 200-541-4 NC: 2930 90 85

Signal Word: Danger



H350-H302-H319-H315-H412

SPECIFICATIONS:

Minimum assay (Arg.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 111-114°C

Order code	Package	Units/Box st.
164887.1608	100 g	6
164887.1610	500 g	6
164887.1611	1000 g	6

Thiocarbamide

(see Thiourea)

Thiocarbanilide

(see 1,3-Diphenylthiourea)

3,3'-Thiodipropionic Acid, 99% PS

$C_6H_{10}O_4S$

M: 178,21 CAS: 111-17-1 EINECS: 203-841-3 NC: 2930 90 85

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) ..... 99 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C392.1208	100 g	6

Thioglycollic Acid 80% PRS

$HSCH_2COOH$

M: 92,12 CAS: 68-11-1 EINECS: 200-677-4 NC: 2930 90 85 UN: 1940
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H331-H311-H301-H314

1l~1,265kg 1kg~0,791l

SPECIFICATIONS:

Assay (Iodom.) ..... 79-82 %
Density at 20/4 1,26-1,28
Residue on ignition (as SO_4) ..... 0,01 %
Sensitivity to Fe ..... p/t.
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %

Order code	Package	Units/Box st.
142041.1610	500 ml	6
142041.1611	1000 ml	6
142041.1214	5 l	4

Thionin (C.I. 52000) DC

for microscopy, nucleus and mucosae staining

$C_{12}H_{10}ClN_3S$

M: 263,75 CAS: 581-64-6 EINECS: 209-470-3 NC: 3212 90 90

SPECIFICATIONS:

Identity ..... IR p/t.
λ of max. ABS in CH_3COOH 0,03 mol/l ..... 597-600 nm
A 1%; 1 cm; λmax ..... >1500
Ratio λmax. P±15 nm 1,15-1,57
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 10 %

Order code	Package	Units/Box st.
251742.1604	5 g	6
251742.1606	25 g	6

Thionyl Chloride, 99% PS

Cl_2OS

M: 118,97 CAS: 7719-09-7 EINECS: 231-748-8 NC: 2812 10 95 UN: 1836
IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P

Signal Word: Danger



EUH014-H332-H302-EUH029-H314

1l~1,639kg 1kg~0,610l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99 %
Density at 20/4 1,637-1,640

Order code	Package	Units/Box st.
15A879.1611	1000 ml	6
15A879.1612	2,5 l	4
15A879.2216	25 l	

Thiosemicarbazide PA

$NH_2CSNHNH_2$

M: 91,14 CAS: 79-19-6 EINECS: 201-184-7 NC: 2930 90 85 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H300

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
Melting range	178-181°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO_4)	0,03 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
122366.1207	50 g	6

Thiosemicarbazide, 98% PS

$NH_2CSNHNH_2$

M: 91,14 CAS: 79-19-6 EINECS: 201-184-7 NC: 2930 90 85 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H300

SPECIFICATIONS:

Assay (Iodom.)	98 %
Identity	IR p/t.
Melting range	177-181°C

Order code	Package	Units/Box st.
152366.1208	100 g	6
152366.1210	500 g	6

Thiosinamine

(see N-Allylthiourea)

Thiourea (Reag. Ph. Eur.) PA-ACS

$SC(NH_2)_2$

M: 76,12 CAS: 62-56-6 EINECS: 200-543-5 NC: 2930 90 85 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302-H351-H411-H361d

SPECIFICATIONS:

Minimum assay a.d.s.	99,0 %
Identity	IR p/t.
Melting range	174-177°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Sensitivity to Bi	p/t.
Sulphate (SO_4)	0,01 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131743.1210	500 g	6
131743.1211	1000 g	6
131743.0914	5 kg	
131743.0416	25 kg	

Thiourea PRS

$SC(NH_2)_2$

M: 76,12 CAS: 62-56-6 EINECS: 200-543-5 NC: 2930 90 85 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302-H351-H411-H361d

SPECIFICATIONS:

Assay (Iodom.) a.d.s	98 %
Identity	IR p/t.
Melting range	174-179°C
Residue on ignition (as SO_4)	0,3 %
Sulphate (SO_4)	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141743.1210	500 g	6
141743.1211	1000 g	6
141743.0914	5 kg	
141743.0416	25 kg	

Thiourea, 98% PS

$SC(NH_2)_2$

M: 76,12 CAS: 62-56-6 EINECS: 200-543-5 NC: 2930 90 85 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302-H351-H411-H361d

SPECIFICATIONS:

Assay (Iodom.) a.d.s	98 %
Identity	IR p/t.
Melting range	174-179°C

Order code	Package	Units/Box st.
151743.1210	500 g	6
151743.1211	1000 g	6

Thorin 8-hydrate PA

$C_{16}H_{11}AsN_2Na_2O_{10}S_2.8H_2O$

M: 720,42 CAS: 3688-92-4 EINECS: 205-058-2 NC: 2931 00 95 UN: 3465
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in H_2O	481-484 nm
A 1%, 1 cm, λmax	>200

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O)	17-23 %
Suitability for sulphates determination	p/t.

Order code	Package	Units/Box st.
123647.1604	5 g	6

THORIUM SOLUTIONS

(see Standards for ICP)

L-Threonine, 99% PS

$C_4H_9NO_3$

M: 119,12 CAS: 72-19-5 EINECS: 200-774-1 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay	99 %

Order code	Package	Units/Box st.
152879.1606	25 g	6
152879.1608	100 g	6

THULLIUM SOLUTIONS

(see Standards for ICP)

Thyminose

(see 2-Deoxy-D-Ribose)

Thymol (Reag. USP, Ph. Eur.) PA

$C_{10}H_{14}O$

M: 150,22 CAS: 89-83-8 EINECS: 201-944-8 NC: 2907 19 90 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H411

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Melting range ..... 48-51°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.
Insoluble matter in $C_2H_5OC_2H_5$ ..... p/t.
Non-volatile matter ..... 0,03 %
Phenol ..... p/t.

Order code	Package	Units/Box st.
121738.1208	100 g	6

Thymol PRS

$C_{10}H_{14}O$

M: 150,22 CAS: 89-83-8 EINECS: 201-944-8 NC: 2907 19 90 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H411

SPECIFICATIONS:

Assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Melting range ..... 48-51°C
Insoluble matter in NaOH 2 mol/l ..... p/t.
Acidity ..... p/t.
Non-volatile matter ..... 0,05 %

Order code	Package	Units/Box st.
141738.1208	100 g	6
141738.1210	500 g	6

Thymol Blue PA-ACS

pH indicator and for titrations in a non aqueous medium 1,2 pink- 2,8 yellow; 8,0 yellow- 9,2 blue

$C_{27}H_{30}O_5S$

M: 466,60 CAS: 76-61-9 EINECS: 200-973-3 NC: 2932 99 85

SPECIFICATIONS:

Identity ..... IR p/t.
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
pink 1,2
yellow 2,8
yellow 8,0
blue 9,2
Transition interval according to ACS ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying at 135°C ..... 10 %
Residue on ignition (as SO_4) ..... 0,5 %

Order code	Package	Units/Box st.
131173.1604	5 g	6
131173.1606	25 g	6

Thymol Blue solution 0,04% RV

pH indicator 1,2 red-2,8 yellow; 8,0 yellow-9,2 blue

$C_{27}H_{30}O_5S$

M: 466,60 CAS: 76-61-9 NC: 3822 00 00

1l~0,976kg 1kg~1,025l

Composition:
Thymol Blue ..... 40 mg
Sodium Hydroxide 0,1 mol/l ..... 0,86 ml
Ethanol absolute ..... 17 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281175.1208	100 ml	6

Thymolphthalein PA-ACS

pH indicator 9,3 colourless; 10,5 blue

$C_{28}H_{30}O_4$

M: 430,55 CAS: 125-20-2 EINECS: 204-729-7 NC: 2932 29 85

SPECIFICATIONS:

Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
colourless 9,3
blue 10,5
Transition interval according to ACS ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.

Order code	Package	Units/Box st.
131739.1604	5 g	6
131739.1606	25 g	6
131739.1607	50 g	6

Thymolphthalein solution 0,1% RV

pH indicator 9,3 colourless; 10,5 blue

$C_{28}H_{30}O_4$

M: 430,55 CAS: 125-20-2 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,900kg 1kg~1,111l

Composition:
Timolphtalein ..... 0,1 g
Ethanol absolute ..... 60 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281740.1208	100 ml	6

Tin metal, powder PRS

Sn

M: 118,69 CAS: 7440-31-5 EINECS: 231-141-8 NC: 8007 00 90

SPECIFICATIONS:

Assay ..... 99 %
Pb ..... 0,07 %

Order code	Package	Units/Box st.
142742.1209	250 g	6
142742.1211	1000 g	6

TIN SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Tin(II) Chloride 2-hydrate (max. 0,000005% Hg) PA-ACS

$SnCl_2.2H_2O$

M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,005 %
Sulphate (SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,002 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Fe ..... 0,003 %
Hg ..... 0,000005 %
K ..... 0,005 %
Mg ..... 0,005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,01 %

Order code	Package	Units/Box st.
471303.1609	250 g	6

Tin(II) Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS

$SnCl_2.2H_2O$

M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl ..... 0,005 %
Sulphate (SO_4) ..... 0,002 %
Ammonium (NH_4) ..... 0,002 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Fe ..... 0,003 %
K ..... 0,005 %
Mg ..... 0,005 %
Na ..... 0,01 %
Ni ..... 0,0005 %
Pb ..... 0,01 %

Order code	Package	Units/Box st.
131303.1608	100 g	6
131303.1609	250 g	6
131303.1611	1000 g	6
131303.1214	5 kg	4
131303.0416	25 kg	

Tin(II) Chloride 2-hydrate PRS

$SnCl_2.2H_2O$

M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10

Signal Word: Warning

H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.)	97 %
Insoluble matter in HCl	0,025 %
Sulphate (SO_4)	0,05 %
As	0,0005 %
Cu	0,05 %
Fe	0,01 %
Ni	0,05 %
Pb	0,1 %

Order code	Package	Units/Box st.
141303.1608	100 g	6
141303.1609	250 g	6
141303.1611	1000 g	6
141303.1214	5 kg	4
141303.0416	25 kg	

Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX

$SnCl_2.2H_2O$

M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10

Signal Word: Warning

H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.)	98,0-101,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Substances not precipitated by thioacetamide	0,2 %
Sulphate (SO_4)	0,05 %
Heavy metals (as Pb)	0,005 %
Fe	0,01 %

Order code	Package	Units/Box st.
191303.1611	1000 g	6
191303.1214	5 kg	4
191303.0416	25 kg	

Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO

$SnCl_2.2H_2O$

M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10

Signal Word: Warning

H302-H319-H335-H315

SPECIFICATIONS:

Assay ($SnCl_2.2H_2O$)	98,0-102,0%
Arsenic (as As), not more than	2 ppm
Iron, not more than	0,005 %
Lead, not more than	3 ppm
Insoluble in dil. HCl	p/t.
Substances not precipitated by H_2S, not more than	0,05 %
Sulphate (SO_4), not more than	0,003 %
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201303.1214	5 kg	4

Tin(IV) Oxide PRS

SnO_2

M: 150,69 CAS: 18282-10-5 EINECS: 242-159-0 NC: 2825 90 30

SPECIFICATIONS:

Chloride (Cl)	0,05 %
Sulphate (SO_4)	0,05 %
Fe	0,01 %

Order code	Package	Units/Box st.
141305.1209	250 g	6
141305.1211	1000 g	6
141305.0416	25 kg	

Tin(II) Sulphate PRS

O_4SSn $SnSO_4$

M.= 214,75 CAS [7488-55-3] EINECS 231-302-2 NC: 2833 29 80

SPECIFICATIONS:

Assay	96 %

Order code	Package	Units/Box st.
144369.1208	100 g	6
144369.1210	500 g	6

TISAB I (ASTM D 1179) for samples containing <0,1 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 5,8 ±0,1

NC: 3822 00 00

1l~1,080kg 1kg~0,926l

Composition:

Acetic Acid glacial	57 ml
Sodium Chloride	58 g
Sodium Citrate	0,3 g
Sodium Hydroxide 20%	150 ml
Water s.q.m	1 l

Note: pH 5,8±0,1

Order code	Package	Units/Box st.
275210.1211	1000 ml	6

TISAB II (STANDARD METHODS/AOAC) for samples containing <3 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 5,15 ±0,15

NC: 3822 00 00

1l~1,080kg 1kg~0,926l

Composition:

1,2-Diaminociclohexane N,N,N,N-tetraacetic Acid 1-hydrate	3,6 g
Sodium Hydroxide 50% sol. w/w	35 ml
Acetic Acid glacial	57 ml
Sodium Chloride	58 g
Water s.q.m	1 l

Note: pH 5,15±0,15

Order code	Package	Units/Box st.
274765.1211	1000 ml	6

TISAB III Concentrated solution for samples containing <3 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 5,25 ±0,25

NC: 3822 00 00

1l~1,053kg 1kg~0,950l

Composition:

1,2-Diaminociclohexane N,N,N,N-tetraacetic Acid 1-hydrate	18 g
Ammonium Chloride	96,65 g
Ammonium Acetate	163,4 g
Cresol Red	0,1 g
Water s.q.m	1 l

Note: pH 5,25±0,25

Order code	Package	Units/Box st.
273526.1210	500 ml	6

TISAB IV (ASTM D 1179) for samples containing <100 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 8,5 ±0,1

NC: 3822 00 00

1l~1,103kg 1kg~0,907l

Composition:

Hydrochloric acid 37%	84 ml
Tris (Hydroximethyl) Aminomethane	242 g
Sodium Tartrate 2-hydrate	230 g
Water s.q.m	1 l

Note: pH 8,5±0,1

Order code	Package	Units/Box st.
273531.1210	500 ml	6

TISAB B (F.C.C.) in food analysis ST

for the fluoride determination by selective electrodes. pH 8,00 ±0,05

NC: 3822 00 00

1l~1,103kg 1kg~0,907l

Composition:

tri-Sodium Citrate 2-hydrate	150 g
EDTA-$Na_2.H_2O$	10,3 g
Water s.q.m	1 l

Note: pH 8,00±0,05

Order code	Package	Units/Box st.
275211.1210	500 ml	6

TISAB-ENOL for wine analysis (Dir. 2676/90) VINIKIT

for the fluoride determination by selective electrodes. pH 5,5±0,1

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H315

1l~1,088kg 1kg~0,919l

Composition:

1,2-Diaminociclohexane N,N,N,N-tetraacetic Acid 1-hydrate .....10 g
Sodium Chloride.....58 g
Sodium Citrate .....29,4 g
Acetic Acid glacial .....57 ml
Sodium Hidroxide 32% w/v .....50 ml
Water s.q.m. .....1 l
Note: pH 5,5±0,1

Order code	Package	Units/Box st.
625891.1209	250 ml P	6
625891.1211	1000 ml P	6

Titan Yellow (C.I. 19540) PA

pH and adsorption indicator and for complexometry 12,0 yellow; 13,0 amber

$C_{28}H_{19}N_5Na_2O_6S_4$

M: 695,73 CAS: 1829-00-1 EINECS: 217-377-4 NC: 3204 19 00

SPECIFICATIONS:

Identity.....IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....8 %
Suitability as Mg reagent.....p/t.

Order code	Package	Units/Box st.
122470.1605	10 g	6
122470.1606	25 g	6

TITANIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Titanium Dioxide

(see Titanium(IV) Oxide)

Titanium(IV) Isopropylate, 97% PS

$C_{12}H_{28}O_4Ti$

M: 284,25 CAS: 546-68-9 EINECS: 208-909-6 NC: 2905 19 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H319

1l~0,965kg 1kg~1,036l

SPECIFICATIONS:

Assay.....97 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15A244.1608	100 ml	6
15A244.1610	500 ml	6

Titanium(IV) Isopropoxide

(see Titanium(IV) Isopropylate)

Titanium(IV) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX

TiO_2

M: 79,90 CAS: 13463-67-7 EINECS: 236-675-5 NC: 2823 00 00

SPECIFICATIONS:

Assay.....99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2SO_4 ..... p/t.
Soluble matter in HCl dil.....0,5 %
Soluble matter in H_2O.....0,25 %
Loss on drying at 105°C.....0,5 %
Loss on ignition at 800°C .....0,5 %
Residual solvents (Ph.Eur./USP)..... p/t
Acidity or alkalinity..... p/t.
Heavy metals (as Pb).....0,002 %
As .....0,0001 %
Ba ..... p/t.
Fe.....0,02 %
Hg.....0,0001 %
Pb .....0,001 %
Sb .....0,0002 %

Order code	Package	Units/Box st.
142101.1210	500 g P	6
142101.1211	1000 g P	6
142101.0914	5 kg PP	

Titanium(IV) Oxide (E-171, F.C.C.) ADITIO

TiO_2

M: 79,90 CAS: 13463-67-7 EINECS: 236-675-5 NC: 2823 00 00

SPECIFICATIONS:

Assay (TiO_2) after drying 99,0-100,5%
Acid soluble substances, not more than.....0,5 %
Aluminium Oxide and Silicon Dioxide, not more than.....2,0 %
Soluble barium compounds, not more than..... 5 ppm
Antimony, not more than ..... 2 ppm
Arsenic (as As), not more than ..... 1 ppm
Lead, not more than ..... 10 ppm
Zinc, not more than ..... 50 ppm
Loss on drying, not more than .....0,5 %
Loss on ignition (after drying), not more than.....0,5 %
Cadmium, not more than ..... 1 ppm
Mercury, not more than ..... 1 ppm
Water-soluble substances, not more than.....0,3 %
Specifications Dir. 2008/128/CE, F.C.C. 6

Order code	Package	Units/Box st.
202101.0914	5 kg PP	
202101.0416	25 kg	

Titanium(IV) Oxide QP

TiO_2

M: 79,90 CAS: 13463-67-7 EINECS: 236-675-5 NC: 2823 00 00

SPECIFICATIONS:

Insoluble matter in H_2SO_4 ..... p/t.
Loss on ignition at 800°C .....1 %

Order code	Package	Units/Box st.
212101.1211	1000 g P	6
212101.0914	5 kg PP	

Titriplex ® I

(see Nitrile tri-Acetic Acid)

TMCS

(see Chlorotrimethylsilane)

TMP

(see Trimethyl Phosphate)

TMSDEA

(see N-(Trimethylsilyl) Diethylamine)

TMSH

(see Trimethylsulphonium Hydroxide)

TMSI

(see N-(Trimethylsilyl) Imidazole)

DL-α-Tocopherol (E-307, F.C.C.) ADITIO

$C_{29}H_{50}O_2$

M: 430,72 CAS: 10191-41-0 EINECS: 233-466-0 NC: 2936 28 00

SPECIFICATIONS:

Assay.....96,0-102,0 %
Assay..... 960-1020 IU/g
Refractive index..... 1,503-1,507
Specific weight..... 0,947-0,958
Acidity..... p/t.
Specific rotation $[\alpha]^{25}/D$ (1/10 in $CHCl_3$) ..... -0,05 to+0,05°
A 1%; 1 cm; λ292 nm in C_2H_5OH abs 72-76
Residue on ignition, not more than .....0,1 %
Heavy metals (as Pb), not more than .....0,001 %
Arsenic (as As), not more than ..... 3 ppm
Lead, not more than ..... 2 ppm
Mercury (Hg), not more than ..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6
Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
204644.0314	5 kg A	4

o-Tolidine (Reag. USP, Ph. Eur.) PA

Chlorine reagent

$C_{14}H_{16}N_2$

M: 212,29 CAS: 119-93-7 EINECS: 204-358-0 NC: 2921 59 90

Signal Word: Danger



H350-H302-H411

SPECIFICATIONS:

Minimum assay .....98,0 %
Identity.....IR p/t.
Melting range..... 129-131°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl..... p/t.
Residue on ignition (as SO_4) .....0,1 %
Sensitivity to chlorine ..... p/t.

Order code	Package	Units/Box st.
121744.1605	10 g	6
121744.1607	50 g	6

o-Tolidine solution 0,1% RE

Chlorine reagent
$C_{14}H_{16}N_2$
M: 212,29 CAS: 119-93-7 NC: 3822 00 00
Signal Word: Danger



H350
1l~1,021kg 1kg~0,979l
Composition:
o-Tolidine ..... 0,1 g
Hydrochloric Acid 35% ..... 10,5 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
172417.1609	250 ml	6
172417.1611	1000 ml	6

Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS

$C_6H_5CH_3$
M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361d-H304-H336
1l~0,865kg 1kg~1,156l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 0,863-0,866
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non volatile matter ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,01 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as CS_2) ..... 0,0003 %
Thiophene (C_4H_4S) ..... 0,0002 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	285 (Cut off)	288	293	300	310	350-450
A (AU)	1,000	0,495	0,201	0,097	0,046	0,009
T (%)	10	32	63	80	90	98

Fluorescence (as quinine):

λ (nm)	365
ppb	2,0

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 2,4
Eluotropic value E°(Al_2O_3) 0,29
Sol. H_2O in solv. at 20°C 0,046
P' + 0,25 E 2,9
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361745.1611	1000 ml	6
361745.1612	2,5 l	4
361745.1646	4 l	4
361745.0314	5 l	4
361745.1616	25 l	

Toluene (PAR) PAI

$C_6H_5CH_3$
M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361d-H304-H336
1l~0,865kg 1kg~1,156l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 0,863-0,866
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,0005 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,02 %
Thiophene (C_4H_4S) ..... 0,0002 %
Signal ECD (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) ..... p/t.

Order code	Package	Units/Box st.
321745.1611	1000 ml	6
321745.1612	2,5 l	4

Toluene dry (max. 0,005% water) DS-ACS-ISO

$C_6H_5CH_3$
M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361d-H304-H336
1l~0,865kg 1kg~1,156l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,863-0,866
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Benzene (G.C.) ..... 0,05 %
Ethylbenzene (G.C.) ..... 0,05 %
m-Xylene (G.C.) ..... 0,05 %
o-Xylene (G.C.) ..... 0,01 %
p-Xylene (G.C.) ..... 0,01 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as CS_2) ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
Thiophene (C_4H_4S) ..... 0,0002 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,5
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,1	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481745.1611	1000 ml	6

Toluene (Reag. Ph. Eur.) PA-ACS-ISO

$C_6H_5CH_3$
M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361d-H304-H336
1l~0,865kg 1kg~1,156l
SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/20 0,865-0,870
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Benzene (G.C.) ..... 0,05 %
Ethylbenzene (G.C.) ..... 0,05 %
m-Xylene (G.C.) ..... 0,05 %
o-Xylene (G.C.) ..... 0,01 %
p-Xylene (G.C.) ..... 0,01 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as CS_2) ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,03 %
Thiophene (C_4H_4S) ..... 0,0002 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,5
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,1	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131745.1611	1000 ml	6
131745.1612	2,5 l	4
131745.0314	5 l	4
131745.0616	25 l	
131745.0619	200 l	

Toluene PRS

$C_6H_5CH_3$

M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361d-H304-H336

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,863-0,866
Non-volatile matter	0,01 %
Benzene (G.C.)	0,1 %
Ethylbenzene (G.C.)	0,1 %
m-Xylene (G.C.)	0,1 %
o-Xylene (G.C.)	0,05 %
p-Xylene (G.C.)	0,05 %
Sulphur compounds (as CS_2)	0,001 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H_2O)	0,05 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141745.1611	1000 ml	6
141745.1612	2,5 l	4
141745.0314	5 l	4
141745.0616	25 l	

Toluene, 99,5% PS

$C_6H_5CH_3$

M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361d-H304-H336

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,863-0,866
Non-volatile matter	0,005 %
Water (H_2O)	0,03 %

Order code	Package	Units/Box st.
161745.1611	1000 ml	6
161745.1612	2,5 l	4
161745.1714	5 l	4
161745.0616	25 l	

Toluene QP

$C_6H_5CH_3$

M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H315-H373-H361d-H304-H336

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	0,863-0,867
Acidity	0,003 meq/g
Water (H_2O)	0,1 %

Order code	Package	Units/Box st.
211745.1611	1000 ml	6
211745.2714	5 l	4
211745.0616	25 l	

Toluene-D8 deuteration degree min. 99,8% (NMR) PAI

$C_6D_5CD_3$

M: 100,21 CAS: 2037-26-5 EINECS: 218-009-5 NC: 2845 90 10 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332

1l~0,94kg 1kg~1,06l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,02 %

Order code	Package	Units/Box st.
745869.02130	10 x 0,75 ml	6
745869.1605	10 ml	6

Toluene-D8 deuteration degree min. 99,5% (NMR) PAI

$C_6D_5CD_3$

M: 100,21 CAS: 2037-26-5 EINECS: 218-009-5 NC: 2845 90 10 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332

1l~0,94kg 1kg~1,06l

SPECIFICATIONS:

Deuteration degree min.	99,5 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,03 %

Order code	Package	Units/Box st.
745868.02130	10 x 0,75 ml	6
745868.1605	10 ml	6

4-Toluenesulphonchloramide Sodium Salt

(see Chloramine T 3-hydrate)

p-Toluenesulphonic Acid

(see Toluene-4-Sulphonic Acid 1-hydrate)

Toluene-4-Sulphonic Acid 1-hydrate, 98% PS

$CH_3C_6H_4HSO_3.H_2O$

M: 190,22 CAS: 6192-52-5 EINECS: 203-180-0 NC: 2904 10 00 UN: 2585
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Water (H_2O)	9-13 %

Order code	Package	Units/Box st.
15A671.1209	250 g	6
15A671.1210	500 g	6
15A671.1214	5 kg	4
15A671.0416	25 kg	

4-Toluenesulphonic Acid Pyridine Salt

(see Pyridinium 4-Toluenesulphonate)

4-Toluenesulphonyl Chloride, 98% PS

$C_7H_7ClO_2S$

M: 190,65 CAS: 98-59-9 EINECS: 202-684-8 NC: 2904 90 20 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Arg.)	98 %
Identity	IR p/t.
Melting range	65-69°C

Order code	Package	Units/Box st.
15A653.1611	1000 g	6

o-Toluidine PA

C_7H_9N

M: 107,16 CAS: 95-53-4 EINECS: 202-429-0 NC: 2921 43 00 UN: 1708
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H350-H331-H301-H319-H400

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/4	0,998-1,002

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4)	0,005 %
Aniline (G.C.)	0,1 %
m-Toluidine (G.C.)	0,3 %
p-Toluidine (G.C.)	0,1 %
Hydrocarbons	p/t.
Water (H_2O)	0,1 %
Chloride (Cl)	0,001 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121955.1611	1000 ml	6

o-Toluidine stabilized PA

C_7H_9N

M: 107,16 CAS: 95-53-4 EINECS: 202-429-0 NC: 2921 43 00 UN: 1708
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H350-H331-H301-H319-H400

1l~1kg 1kg~1l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Density at 20/4 0,998-1,002

MAXIMUM LIMIT OF IMPURITIES
Residue on ignition (as SO_4) ..... 0,005 %
Aniline (G.C.) ..... 0,1 %
m-Toluidine (G.C.) ..... 0,3 %
p-Toluidine (G.C.) ..... 0,1 %
Hydrocarbons ..... p/t.
Water (H_2O) ..... 0,25 %
Chloride (Cl) ..... 0,001 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
122234.1611	1000 ml	6

o-Toluidine, 99% PS

C_7H_9N

M: 107,16 CAS: 95-53-4 EINECS: 202-429-0 NC: 2921 43 00 UN: 1708
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H350-H331-H301-H319-H400

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 0,998-1,000

Order code	Package	Units/Box st.
161955.1611	1000 ml	6

o-Toluidine solution 6% DC

for determination of glucose in blood

NC: 3822 00 00 UN: 2922
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H350-H332-H312-H302-H314-H319-H411

1l~1,066kg 1kg~0,938l

Composition:
o-Toluidine stabilized ..... 6 ml
Thiourea ..... 150 mg
Acid Acetic glacial s.q.m ..... 100 ml

Order code	Package	Units/Box st.
252311.1611	1000 ml	6

p-Toluidine, 99% PS

$CH_3C_6H_4NH_2$

M: 107,16 CAS: 106-49-0 EINECS: 203-403-1 NC: 2921 43 00 UN: 3451
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H331-H311-H301-H319-H351-H317-H400

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 43-45°C

Order code	Package	Units/Box st.
15A861.1608	100 g	6
15A861.1609	250 g	6

Toluidine Blue O (C.I. 52040) DC

for microscopy, nucleus and mucosae staining
$(C_{15}H_{16}ClN_3S)_2.ZnCl_2$

M: 747,96 CAS: 6586-04-5 EINECS: 202-146-2 NC: 3204 16 00

SPECIFICATIONS:
Identity ..... IR p/t.
λ of max. ABS in H_2O ..... 630-635 nm
A 1%; 1cm. λmax ..... >750
Ratio λmax. P± 15 nm 1,00-1,23
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C ..... 10 %

Order code	Package	Units/Box st.
251176.1604	5 g	6
251176.1606	25 g	6

Toluidine Blue O solution 1% DC

for microscopy, nucleus and mucosae staining
$(C_{15}H_{16}ClN_3S)_2.ZnCl_2$

M: 747,96 CAS: 6586-04-5 EINECS: 202-146-2 NC: 3204 13 00

1l~1,005kg 1kg~0,995l

Composition:
Toluidine Blue O ..... 1 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
253535.1210	500 ml (P)	6

p-Tolylhydrazinium Chloride, 98% PS

$C_7H_{10}N_2$

M: 158,63 CAS: 637-60-5 EINECS: 211-295-2 NC: 2928 00 90 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A351.1606	25 g	6
15A351.1608	100 g	6

α-Tolylic Acid

(see Phenylacetic Acid)

Tosyl Chloride

(see 4-Toluenesulphonyl Chloride)

Triacetin

(see Glycerol tri-Acetate)

1,2,4-Triazole Sodium Salt, 95% PS

$C_2H_2N_3Na$

M: 91,05 CAS: 41253-21-8 EINECS: 255-280-9 NC: 2933 99 90 UN: 3259
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H302-H318

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 95 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A588.1205	10 g (P)	6
15A588.1207	50 g (P)	6

Tribromomethane

(see Bromoform)

Tri-n-Butylamine, 99% PS

$C_{12}H_{27}N$

M: 185,36 CAS: 102-82-9 EINECS: 203-058-7 NC: 2921 19 80 UN: 2542
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H302-H331-H311-H315-H411

1l~0,777kg 1kg~1,287l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
15A883.1611	1000 ml	6

Tributyrin

(see Glycerol tri-Butyrate)

Trichloroacetic Acid (Reag. Ph. Eur.) PA-ACS

CCl_3COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 1839
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314-H410

SPECIFICATIONS:
Minimum assay (Acidim.) ..... 99,5 %

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H_2O ..... 0,003 %
Residue on ignition (as SO_4) ..... 0,03 %
Reducing substances to $KMnO_4$ ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Chloride (Cl) ..... 0,001 %
Phosphate (PO_4) ..... 0,0005 %
Nitrate (NO_3) ..... 0,002 %
Sulphate (SO_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,002 %
Cu ..... 0,002 %
Fe ..... 0,001 %
Ni ..... 0,002 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
131067.1608	100 g	6
131067.1609	250 g	6
131067.1611	1000 g	6
131067.1214	5 kg	4
131067.0416	25 kg	

Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX

CCl_3COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 1839
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314-H410

SPECIFICATIONS:
Assay (Acidim.) calc. a.d.s. 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,01 %
Loss on drying ..... 1,0 %
Residue on ignition (as SO_4) ..... 0,05 %
Chloride (Cl) ..... 0,005 %
Nitrate (NO_3) ..... 0,02 %
Sulphate (SO_4) ..... 0,05 %
Residual metals ICP:
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141067.1608	100 g	6
141067.1609	250 g	6
141067.1611	1000 g	6
141067.1214	5 kg	4
141067.0416	25 kg	

Trichloroacetic Acid, 98% PS

CCl_3COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 1839
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314-H410

SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
151067.1609	250 g	6
151067.1611	1000 g	6
151067.1214	5 kg	4
151067.0416	25 kg	

Trichloroacetic Acid solution 20% w/v DC

deproteinizer
CCl_3COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 2564
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H411

1l~1,098kg 1kg~0,911l

Composition:
Trichloroacetic Acid ..... 20,1 g
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
252373.1611	1000 ml	6

1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI

$C_6H_3Cl_3$

M: 181,45 CAS: 120-82-1 EINECS: 204-428-0 NC: 2903 69 90 UN: 2321
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H302-H315-H410

1l~1,454kg 1kg~0,688l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 99,0 %
Density at 20/4 1,453-1,455

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non volatile matter ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,015 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	307 (Cut off)	310	315	385-450
A (AU)	1,000	0,301	0,097	0,009
T (%)	10	50	80	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363541.1611	1000 ml	6

1,2,4-Trichlorobenzene, 98,5% PS

$C_6H_3Cl_3$

M: 181,45 CAS: 120-82-1 EINECS: 204-428-0 NC: 2903 69 90 UN: 2321
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
Signal Word: Warning



H302-H315-H410

1l~1,454kg 1kg~0,688l

SPECIFICATIONS:
Minimum assay (G.C.) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 1,453-1,455
Acidity (as HCl) ..... 0,002 %
Water (H_2O) ..... 0,02 %

Order code	Package	Units/Box st.
163541.1609	250 ml	6

Trichlorobromomethane

(see Bromotrichloromethane)

1,1,1-Trichloroethane (E.U.) PRS

for Essential Uses
Cl_3CCH_3

M: 133,40 CAS: 71-55-6 EINECS: 200-756-3 NC: 2903 19 10 UN: 2831
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Warning



H332-EUH059

1l~1,342kg 1kg~0,745l

SPECIFICATIONS:
Assay (G.C.) (estabilizers not included) ..... 99 %
Non-volatile matter ..... 0,01 %
Acidity (HCl) ..... 0,006 meq/g
Water (H_2O) ..... 0,2 %
Fe ..... 0,00005 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
142925.1611	1000 ml	6
142925.1612	2,5 l	4

Trichloroethene

(see Trichloroethylene)

Trichloroethylene, stabilized with ethanol (Reag. Ph. Eur.) PA-ACS

Cl_2CClCH

M: 131,39 CAS: 79-01-6 EINECS: 201-167-4 NC: 2903 22 00 UN: 1710
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Danger



H350-H319-H315-H412-H336-H341

1l~1,46kg 1kg~0,68l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Ethanol (G.C.)	0,5 %
Tetrachloroethylene (G.C.)	0,05 %
Free halogens	p/t.
Acidity	0,0001 meq/g
Alkalinity	0,0003 meq/g
Water (H_2O)	0,02 %
Chloride (Cl)	0,0004 %
Heavy metals (as Pb)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,2	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131749.1611	1000 ml	6
131749.1612	2,5 l	4
131749.1714	5 l	4
131749.0616	25 l	

Trichloroethylene, stabilized with ethanol PRS

Cl_2CClCH

M: 131,39 CAS: 79-01-6 EINECS: 201-167-4 NC: 2903 22 00 UN: 1710
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Danger



H350-H319-H315-H412-H336-H341

1l~1,46kg 1kg~0,68l

SPECIFICATIONS:

Assay (G.C.)(stabilizer not included)	99 %
Identity	IR p/t.
Non-volatile matter	0,005 %
Ethanol (G.C.)	0,5 %
Tetrachloroethylene (G.C.)	0,1 %
Acidity	0,0005 meq/g
Alkalinity	0,001 meq/g
Water (H_2O)	0,1 %
Chloride (Cl)	0,001 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141749.1611	1000 ml	6
141749.1612	2,5 l	4
141749.1714	5 l	4
141749.0616	25 l	

Trichloroethylene, 99% stabilized with ethanol PS

Cl_2CClCH

M: 131,39 CAS: 79-01-6 EINECS: 201-167-4 NC: 2903 22 00 UN: 1710
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Danger



H350-H319-H315-H412-H336-H341

1l~1,46kg 1kg~0,68l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Minimum assay (G.C.) (stabilizer not included)	99,5 %
Identity	IR p/t.
Ethanol (G.C.)	0,5 %
Acidity (as HCl)	0,001 %
Water (H_2O)	0,02 %

Order code	Package	Units/Box st.
161749.1611	1000 ml	6
161749.1612	2,5 l	4
161749.1714	5 l	4
161749.0616	25 l	

Trichloromethane stabilized with ~150 ppm of amylene (HPLC-GPC) PAI

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	>1,48

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Acidity	0,00015 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,01 %

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	244 (Cut off)	245	255	260	280-400
A (AU)	1,000	0,824	0,155	0,071	0,009
T (%)	10	15	70	85	98

Fluorescence (as quinine) :

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:

Rohrschneider Polarity	4,1
Eluotropic value ε° (Al_2O_3)	0,4
Sol. H_2O in solv. at 20°C	0,072
P'+0,25E	5,6

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363101.1611	1000 ml	6
363101.1612	2,5 l	4

Trichloromethane dry (max. 0,005% water) stabilized with ~50 ppm of amylene DS-ACS

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Identity	IR p/t.
Density at 20/4	>1,48

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Carbon Tetrachloride (G.C.)	0,01 %
Dichloromethane (G.C.)	0,01 %
Tetrachloroethylene (G.C.)	0,01 %
Trichloroethylene (G.C.)	0,01 %
Suitability for use in dithizone tests	p/t.
Metallic impurities	p/t.
Acidity	0,00015 meq/g
Carbonyl compounds (as CH_3COCH_3)	0,005 %
Water (H_2O)	0,005 %
Chlorine (Cl)	0,0005 %
Phosgene (Cl_2CO)	0,0001 %
Chloride (Cl)	0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,05
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
483101.1611	1000 ml	6

Trichloromethane stabilized with ~50 ppm of amylene (Reag. USP, Ph. Eur.) PA-ACS

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t.
Density at 20/4	>1,48

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Carbon Tetrachloride (G.C.)	0,01 %
Dichloromethane (G.C.)	0,01 %
Tetrachloroethylene (G.C.)	0,01 %
Trichloroethylene (G.C.)	0,01 %
Suitability for use in dithizone tests	p/t.
Metallic impurities	p/t.
Acidity	0,00015 meq/g
Carbonyl compounds (as CH_3COCH_3)	0,005 %
Water (H_2O)	0,05 %
Chlorine (Cl)	0,0005 %
Phosgene (Cl_2CO)	0,0001 %
Chloride (Cl)	0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,05
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	255	260	300
A (AU)	0,301	0,097	0,009
T (%)	50	80	98

Order code	Package	Units/Box st.
133101.1611	1000 ml	6
133101.1612	2,5 l	4
133101.1616	25 l	

Trichloromethane stabilized with ~50 ppm of amylene PA

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99,6 %
Identity	IR p/t.
Density at 20/4	>1,48

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Carbon Tetrachloride (G.C.)	0,05 %
Dichloromethane (G.C.)	0,05 %
Tetrachloroethylene (G.C.)	0,05 %
Trichloroethylene (G.C.)	0,05 %
Acidity	0,00015 meq/g
Carbonyl compounds (as CH_3COCH_3)	0,005 %
Water (H_2O)	0,05 %
Chlorine (Cl)	0,0005 %
Phosgene (Cl_2CO)	0,0001 %
Chloride (Cl)	0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ca	0,5
Cd	0,05
Co	0,02
Cr	0,02
Cu	0,02
Fe	0,1
Mg	0,1
Mn	0,02
Ni	0,02
Pb	0,05
Zn	0,1

Order code	Package	Units/Box st.
123101.1611	1000 ml	6
123101.1612	2,5 l	4
123101.1616	25 l	

Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t.
Density at 20/4	1,474-1,479
Distillation range	60-62°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,002 %
Residual solvents (Ph.Eur./USP)	p/t.
Chlorine foreign compounds	p/t.
Related substances	p/t.
Acidity or alkalinity	p/t.
Aldehyde	p/t.
Water (H_2O)	0,1 %
Free chlorine (Cl)	0,001 %
Chloride (Cl)	0,0001 %
Cu	0,00002 %
Fe	0,00002 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
143101.1611	1000 ml	6
143101.1612	2,5 l	4
143101.1714	5 l	4
143101.0616	25 l	

Trichloromethane, 99,9% stabilized with ~50 ppm of amylene PS

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99,9 %
Identity	IR p/t.
Density at 20/4	>1,48
Non-volatile matter	0,002 %
Acidity (as HCl)	0,001 %
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
163101.1611	1000 ml	6
163101.1612	2,5 l	4
163101.1714	5 l	4
163101.0616	25 l	

T

Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Density at 20/4 1,476-1,486

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter ..... 0,0003 %
Ethanol (G.C.) ..... 0,5-0,8 %
Acidity ..... 0,00015 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,01 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	244 (Cut off)	245	250	257	260	270	280-400
A (AU)	1,000	0,699	0,301	0,097	0,071	0,046	0,009
T (%)	10	20	50	80	85	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 4,1
Eluotropic value E°(Al_2O_3) 0,4
Sol. H_2O in solv. at 20°C 0,072
P' + 0,25 E 5,6
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361252.1611	1000 ml	6
361252.1612	2,5 l	4
361252.1616	25 l	

Trichloromethane stabilized with ethanol (PAR) PAI

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373 CE: 602-006-00-4

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 1,476-1,486

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Ethanol (G.C.) ..... 0,5-0,8 %
Acidity ..... 0,00015 meq/g
Water (H_2O) ..... 0,05 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) ..... 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) ..... p/t.

Order code	Package	Units/Box st.
321252.1611	1000 ml	6
321252.1612	2,5 l	4

Trichloromethane stabilized with ethanol (Reag. Ph. Eur.) PA-ACS-ISO

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Minimum assay (G.C.) (stabilizer not included) ..... 99,8 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Ethanol (G.C.) ..... 0,5-0,8 %
Carbon Tetrachloride (G.C.) ..... 0,01 %
Dichloromethane (G.C.) ..... 0,01 %
Tetrachloroethylene (G.C.) ..... 0,01 %
Trichloroethylene (G.C.) ..... 0,01 %
Metallic impurities ..... p/t.
Suitability for use in dithizone tests ..... p/t.
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,00015 meq/g
Carbonyl compounds (as CH_3COCH_3) ..... 0,005 %
Water (H_2O) ..... 0,05 %
Chlorine (Cl) ..... 0,0005 %
Phosgene (Cl_2CO) ..... 0,0001 %
Chloride (Cl) ..... 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,05
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131252.1611	1000 ml	6
131252.1612	2,5 l	4
131252.1616	25 l	

Trichloromethane stabilized with ethanol PA

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Minimum assay (G.C.) (stabilizer not included) ..... 99,6 %
Identity ..... IR p/t.
Density at 20/4 1,476-1,486

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Ethanol (G.C.) ..... 0,5-0,8 %
Carbon Tetrachloride (G.C.) ..... 0,05 %
Dichloromethane (G.C.) ..... 0,05 %
Tetrachloroethylene (G.C.) ..... 0,05 %
Trichloroethylene (G.C.) ..... 0,05 %
Darkened substances by H_2SO_4 ..... p/t.
Acidity ..... 0,00015 meq/g
Carbonyl compounds (as CH_3COCH_3) ..... 0,005 %
Water (H_2O) ..... 0,05 %
Chlorine (Cl) ..... 0,0005 %
Phosgene (Cl_2CO) ..... 0,0001 %
Chloride (Cl) ..... 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ca 0,5
Cd 0,05
Co 0,02
Cr 0,02
Cu 0,02
Fe 0,1
Mg 0,1
Mn 0,02
Ni 0,02
Pb 0,05
Zn 0,1

Order code	Package	Units/Box st.
121252.1611	1000 ml	6
121252.1612	2,5 l	4
121252.1616	25 l	

Trichloromethane stabilized with ethanol PRS

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 25/25	1,476-1,486
Distillation range	60-62°C
Non-volatile matter	0,002 %
Ethanol (G.C.)	0,5-0,8 %
Chlorine foreign compounds	p/t.
Chlorate decomposition products	p/t.
Related substances	p/t.
Darkened substances by H_2SO_4	p/t.
Acidity or alkalinity	p/t.
Carbonyl compounds	p/t.
Water (H_2O)	0,1 %
Free chlorine (Cl)	0,001 %
Phosgene (Cl_2CO)	0,0005 %
Chloride (Cl)	0,0001 %
Cu	0,00002 %
Fe	0,00002 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141252.1611	1000 ml	6
141252.1612	2,5 l	4
141252.1714	5 l	4
141252.0616	25 l	

Trichloromethane, 99% stabilized with ethanol PS

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Minimum assay (G.C.) (stabilizer not included)	99,9 %
Identity	IR p/t.
Density at 20/4	1,476-1,486
Non-volatile matter	0,002 %
Ethanol (G.C.)	0,5-0,8 %
Acidity (as HCl)	0,001 %
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
161252.1611	1000 ml	6
161252.1612	2,5 l	4
161252.1714	5 l	4
161252.0616	25 l	
161252.0619	200 l	

Trichloromethane stabilized with ethanol QP

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,478kg 1kg~0,677l

SPECIFICATIONS:

Assay (G.C.)	98 %
Density at 20/4	1,476-1,486
Ethanol (G.C.)	0,5-0,8 %
Acidity	0,0015 meq/g
Water (H_2O)	0,2 %

Order code	Package	Units/Box st.
211252.1611	1000 ml	6
211252.1612	2,5 l	4
211252.1714	5 l	4
211252.0616	25 l	
211252.0619	200 l	

Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX

$CHCl_3$

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,48kg 1kg~0,67l

SPECIFICATIONS:

Minimum assay (G.C.)	98,0 %
Identity according to Pharmacopoeias	p/t.
Density at 20/4	1,474-1,479
Distillation range	60-62°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,002 %
Ethanol (G.C.)	1,0-2,0 %
Chlorine foreign compounds	p/t.
Related substances	p/t.
Acidity or alkalinity	p/t.
Aldehyde	p/t.
Free chlorine (Cl)	p/t.
Chloride (Cl)	p/t.
Residual solvents (Ph.Eur./USP)	p/t.

Order code	Package	Units/Box st.
142502.1611	1000 ml	6
142502.1612	2,5 l	4
142502.1714	5 l	4
142502.0616	25 l	

Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI

$CDCl_3$

M: 120,38 CAS: 865-49-6 EINECS: 212-742-4 NC: 2845 90 10 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,50kg 1kg~0,67l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,01 %

Order code	Package	Units/Box st.
745847.02130	10 x 0,75 ml	6
745847.1605	10 ml	6

Trichloromethane-D1 deuteration degree min. 99,95% stabilized with Ag (NMR) PAI

$CDCl_3$

M: 120,38 CAS: 865-49-6 EINECS: 212-742-4 NC: 2845 90 10 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,50kg 1Kg~0,67l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,01 %

Order code	Package	Units/Box st.
745848.1608	100 ml	6

Trichloromethane-D1 deuteration degree min. 99,8% stabilized with Ag (NMR) PAI

$CDCl_3$

M: 120,38 CAS: 865-49-6 EINECS: 212-742-4 NC: 2845 90 10 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning



H302-H315-H351-H373

1l~1,50kg 1kg~0,67l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O+D_2O)	0,02 %

Order code	Package	Units/Box st.
745846.1608	100 ml	6
745846.1610	500 ml	6

T

1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

Storage between +8 and +15°C.
$C_4H_7Cl_3O.^1/_2H_2O$

M: 186,47 CAS: 6001-64-5 EINECS: 200-317-6 NC: 2905 59 99

SPECIFICATIONS:

Assay (Arg.) calc. a.a.s 98,0-101,0%
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in C_2H_5OH 96% ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Acidity ..... p/t.
Water (H_2O) ..... 4,5-5,5 %
Choride (Cl) ..... 0,01 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
145300.1211	1000 g (P)	6
145300.0914	5 kg (PP)	

2,4,6-Trichlorophenol, 98% PS

$C_6H_3Cl_3O$

M: 197,45 CAS: 88-06-2 EINECS: 201-795-9 NC: 2908 19 00 UN: 2020
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Warning



H302-H319-H315-H351-H410

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 65-67°C
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
15A618.1609	250 g	6
15A618.1611	1000 g	4

1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI

for Essential Uses
$C_2Cl_3F_3$

M: 187,38 CAS: 76-13-1 EINECS: 200-936-1 NC: 2903 43 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
EUH059
1l~1,580kg 1kg~0,633l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,9 %
Density at 20/4 1,578-1,582

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter ..... 0,0005 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,005 %
Hydrocarbons (related to squalane/squalene (3050-2900 cm^{-1})) ..... 0,0002 %
Suitability for IR spectrometry ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	233 (Cut off)	235	240	245	250	260-400
A (AU)	1,000	0,699	0,301	0,097	0,036	0,009
T (%)	10	20	50	80	92	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363266.1611	1000 ml	6
363266.1612	2,5 l	4

1,1,2-Trichlorotrifluoroethane (ACS IX, Reag. USP, Ph. Eur.) (E.U.) PA-ACS

for Essential Uses
$C_2Cl_3F_3$

M: 187,38 CAS: 76-13-1 EINECS: 200-936-1 NC: 2903 43 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
EUH059
1l~1,580kg 1kg~0,633l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 1,578-1,582
Boiling range (>98% dist.) ..... 47-48°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,0005 %
Carbon Tetrachloride (G.C.) ..... 0,01 %
Tetrachloroethylene (G.C.) ..... 0,01 %
Trichloroethylene (G.C.) ..... 0,01 %
Trichloromethane (G.C.) ..... 0,01 %
Darkened substances by H_2SO_4 ..... p/t.
Reducing substances I_2 (as I) ..... 0,0016 %
Acidity ..... 0,0003 meq/g
Carbonyl compounds (as CH_3COCH_3) ..... 0,001 %
Water (H_2O) ..... 0,005 %
Free chlorine (Cl) ..... 0,00003 %
Chloride (Cl) ..... 0,00003 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
133266.1611	1000 ml	6
133266.1612	2,5 l	4

1,1,2-Trichlorotrifluoroethane, 99,8% (E.U.) PS

for Essential Uses
$C_2Cl_3F_3$

M: 187,38 CAS: 76-13-1 EINECS: 200-936-1 NC: 2903 43 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
EUH059
1l~1,580kg 1kg~0,633l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,8 %
Identity ..... IR p/t.
Density at 20/4 1,578-1,582
Non-volatile matter ..... 0,001 %
Acidity (as HCl) ..... 0,002 %
Water (H_2O) ..... 0,01 %

Order code	Package	Units/Box st.
163266.1611	1000 ml	6
163266.1612	2,5 l	4

TRICINE

(see N-[Tris (Hydroxymethyl) Methyl] Glycine)

Triethanolamine PA

$C_6H_{15}NO_3$

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10
1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Minimum assay (Acidim.) ..... 99,0 %
Identity ..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 50
Residue on ignition (as SO_4) ..... 0,01 %
Ethanolamine (G.C.) ..... 0,1 %
Diethanolamine (G.C.) ..... 0,5 %
Chloride (Cl) ..... 0,001 %
Water (H_2O) ..... 0,1 %
Heavy metals (as Pb) ..... 0,0001 %
Fe ..... 0,0001 %

Order code	Package	Units/Box st.
121750.1609	250 ml	6
121750.1611	1000 ml	6

Triethanolamine (USP-NF) PRS-CODEX

$C_6H_{15}NO_3$

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10

1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Assay (Acidim.) 99,0-107,4%
Identity according to Pharmacopoeias ..... p/t.
Density at 25/25 1,120-1,128
Refractive index n ^{20}/D 1,482-1,485

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,05 %
Total bases ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Related substances ..... p/t.
Water (H_2O) ..... 0,15 %
Heavy metals (as Pb) ..... 0,0005 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141750.1611	1000 ml	6
141750.1612	2,5 l	4
141750.1214	5 l	4
141750.0716	25 l	
141750.0718	60 l	

Triethanolamine (BP, Ph. Eur.) CODEX

$C_6H_{15}NO_3$

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10

1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Assay (Acidim.) ..... 99,0-103,0 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 1,120-1,130

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Residue on ignition (as SO_4) ..... 0,1 %
Related substances:
Ethanolamine 0,1%
Diethanolamine 0,5%
Total impurities 1,0%
N-Nitrosodiethanolamine ..... 24 ppb
Water (H_2O) ..... 1,0 %
Heavy metals (as Pb) ..... 0,001 %
Residual solvents (Ph.Eur.) ..... p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
191750.1611	1000 ml	6
191750.1612	2,5 l	4
191750.1214	5 l	4
191750.0716	25 l	
191750.0718	60 l	

Triethanolamine, 98% PS

$C_6H_{15}NO_3$

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10

1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Water (H_2O) ..... 0,3 %

Order code	Package	Units/Box st.
161750.1211	1000 ml	6
161750.1214	5 l	4
161750.0716	25 l	

Triethylamine (Reag. USP) PA

$C_6H_{15}N$

M: 101,19 CAS: 121-44-8 EINECS: 204-469-4 NC: 2921 19 10 UN: 1296

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H314

1l~0,727kg 1kg~1,376l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,725-0,729
Boiling range ..... 89-90°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,005 %
ABS at λ 285 nm 1% sol. in $CH_3OH/CHCl_3$ 0,01
Water (H_2O) ..... 0,1 %
Ethanol (G.C.) ..... 0,05 %
Diethylamine (G.C.) ..... 0,05 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00001 %

Order code	Package	Units/Box st.
123542.1611	1000 ml	6

Triethylamine, 99,5% PS

$C_6H_{15}N$

M: 101,19 CAS: 121-44-8 EINECS: 204-469-4 NC: 2921 19 10 UN: 1296

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H314

1l~0,727kg 1kg~1,376l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,5 %
Identity ..... IR p/t.
Density at 20/4 0,725-0,729
Non-volatile matter ..... 0,01 %
Water (H_2O) ..... 0,2 %

Order code	Package	Units/Box st.
163542.1611	1000 ml	6

Triethylene Glycol, 99% PS

$(CH_2OCH_2CH_2OH)_2$

M: 150,18 CAS: 112-27-6 EINECS: 203-953-2 NC: 2909 49 18

1l~1,123kg 1kg~0,890l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Density at 20/4 1,120-1,125
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
15A882.1611	1000 ml	6
15A882.1612	2,5 l	4
15A882.1214	5 l	4
15A882.0716	25 l	

Triflic Acid

(see Trifluoromethansulphonic Acid)

2,2,2-Trifluoroacetamide, 98% PS

$C_2H_2F_3NO$

M: 113,04 CAS: 354-38-1 EINECS: 206-559-9 NC: 2924 19 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.
Melting range ..... 68-75 °C

Order code	Package	Units/Box st.
15A615.1206	25 g	6

Trifluoroacetic Acid (UV) PAI

$C_2HF_3O_2$

M: 114,02 CAS: 76-05-1 EINECS: 200-929-3 NC: 2915 90 80 UN: 2699
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger


H332-H314-H412

1l~1,489kg 1kg~0,671l

SPECIFICATIONS:
Minimum assay (Acidim.)..... 99,8 %
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Non-volatile matter..... 0,001 %
Water (H_2O)..... 0,1 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	260 (Cut off)	305	320	325-450
A (AU)	1,000	0,301	0,097	0,046
T (%)	10	50	80	90

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363317.1608	100 ml	6

Trifluoroacetic Acid, 99% PS

$C_2HF_3O_2$

M: 114,02 CAS: 76-05-1 EINECS: 200-929-3 NC: 2915 90 80 UN: 2699
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger


H332-H314-H412

1l~1,489kg 1kg~0,671l

SPECIFICATIONS:
Minimum assay (Acidim.)..... 99 %
Identity..... IR p/t.
Water (H_2O)..... 0,3 %

Order code	Package	Units/Box st.
163317.1608	100 ml	6
163317.1611	1000 ml	6

Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI

CF_3COOD

M: 115,03 CAS: 599-00-8 EINECS: 209-961-2 NC: 2845 90 10 UN: 2699
IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
Signal Word: Danger


H332-H314-H412

1l~1,50kg 1kg~0,67l

SPECIFICATIONS:
Deuteration degree min..... 99,5 %
NMR suitability..... p/t.

MAXIMUM LIMIT OF IMPURITIES
Water (H_2O+D_2O)..... 0,05 %

Order code	Package	Units/Box st.
745870.02130	10 x 0,75 ml	6
745870.1605	10 ml	6

Trifluoroacetic Acid Ethyl Ester

(see Ethyl Trifluoroacetate)

Trifluoroacetic Anhydride CG

for derivatization (GC)
$C_4F_6O_3$

M: 210,03 CAS: 407-25-0 EINECS: 206-982-9 NC: 2915 90 80 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


EUH014-H332-H314-H412

1l~1,510kg 1kg~0,662l

SPECIFICATIONS:
Minimum assay (G.C.)..... 99,5 %
Identity..... IR p/t.
Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
353316.0922	20 x 1 ml	6
353316.1905	10 ml	6

Trifluoroacetic Anhydride, 99% PS

$C_4F_6O_3$

M: 210,03 CAS: 407-25-0 EINECS: 206-982-9 NC: 2915 90 80 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


EUH014-H332-H314-H412

1l~1,510kg 1kg~0,662l

SPECIFICATIONS:
Assay..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
153316.1608	100 ml	6
153316.1610	500 ml	6

α,α,α-Trifluoroanisaldehyde

(see 4-(Trifluoromethoxy) Benzaldehyde)

α,α,α-Trifluoro-m-Cresol

(see 3-(Trifluoromethyl) Phenol)

2,2,2-Trifluoroethanol PS

$C_2H_3F_3O$

M: 100,04 CAS: 75-89-8 EINECS: 200-913-6 NC: 2905 59 98 UN: 1986
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310 (D/E)
Signal Word: Warning


H226-H302-H319-H335-H315

1l~1,390kg 1kg~0,719l

SPECIFICATIONS:
Minimum assay (G.C.)..... 99 %
Identity..... IR p/t.
Density at 20/4..... 1,389-1,392
Water (H_2O)..... 0,2 %

Order code	Package	Units/Box st.
164527.1608	100 ml	6
164527.1609	250 ml	6
164527.1611	1000 ml	6

Trifluoromethansulphonic Acid, 99% PS

CHF_3O_3S

M: 150,08 CAS: 1493-13-6 EINECS: 216-087-5 NC: 2904 90 20 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:
Assay..... 99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15A460.1605	10 ml	6
15A460.1607	50 ml	6

4-(Trifluoromethoxy) Benzaldehyde, 98% PS

$C_8H_5F_3O_2$

M: 190,12 CAS: 659-28-9 EINECS: 211-531-4 NC: 2913 00 00
Signal Word: Warning


H319-H335-H315

1l~1,331kg 1kg~0,751l

SPECIFICATIONS:
Assay..... 98 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15C081.1603	1 ml	6
15C081.1604	5 ml	6

3-(Trifluoromethyl) Benzaldehyde, 98% PS

$C_8H_5F_3O$

M: 174,12 CAS: 454-89-7 EINECS: 207-228-1 NC: 2913 00 00
Signal Word: Warning


H319-H335-H315

1l~1,301kg 1kg~0,769l

SPECIFICATIONS:
Assay..... 98 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15C080.1604	5 ml	6
15C080.1606	25 ml	6

3-(Trifluoromethyl) Phenol, 98% PS

$C_7H_5F_3O$

M: 162,11 CAS: 98-17-9 EINECS: 202-645-5 NC: 2908 19 00

Signal Word: Warning



H319-H335-H315

1l~1,336kg 1kg~0,748l

SPECIFICATIONS:

Assay ..... 98 %

Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B616.1606	25 ml	6
15B616.1608	100 ml	6

α,α,α-Trifluoro-m-Toluylaldehyde

(see 3-(Trifluoromethyl) Benzaldehyde)

1,1,2-Trifluorotrichloroethane

(see 1,1,2-Trichlorotrifluoroethane)

Triglycol

(see Triethylene Glycol)

2,2',2"-Trihydroxytriethylamine

(see Triethanolamine)

Triisopropylchlorosilane

(see Chlorotriisopropylsilane)

Triisopropylsilyl Chloride

(see Chlorotriisopropylsilane)

Triiodomethane

(see Iodoform)

2',4',6'-Trimethylacetophenone, 98% PS

$C_{11}H_{14}O$

M: 162,23 CAS: 1667-01-2 EINECS: 216-783-9 NC: 2914 39 00

1l~0,975kg 1kg~1,026l

SPECIFICATIONS:

Assay ..... 98 %

Identity ..... IR p/t.

Order code	Package	Units/Box st.
15C010.1606	25 ml	6
15C010.1608	100 ml	6

endo-[1S]-1,7,7-Trimethylbicyclo-[2.2.1]-Heptane-2-ol

(see (-)-Borneol)

Trimethyl Borate azeotrope with methanol 70:30 PS

$C_3H_9BO_3$

M: 103,91 CAS: 121-43-7 EINECS: 204-468-9 NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,899kg 1kg~1,112l

SPECIFICATIONS:

Minimum assay (Acidim.) w/w ..... 70 %

Density at 20/4 0,883-0,915

Order code	Package	Units/Box st.
163258.1610	500 ml	6

Trimethylbromomethane

(see 2-Bromo-2-Methylpropane)

Trimethylchlorosilane

(see Chlorotrimethylsilane)

α,α,4-Trimethyl-3-Cyclohexene-1-Methanol

(see α-Terpineol)

Trimethylene Glycol

(see 1,3-Propanediol)

Trimethyl Ester Methyl Phosphate

(see Trimethyl Phosphate)

Trimethyliodosilane

(see Iodotrimethylsilane)

Trimethyloxonium tetra-Fluoroborate, 97% PS

$C_3H_9BF_4O$

M: 147,91 CAS: 420-37-1 EINECS: 206-994-4 NC: 2942 00 00 UN: 3131

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 411

Signal Word: Danger



EUH014-H314

SPECIFICATIONS:

Minimum assay ..... 97 %

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
15A229.1605	10 g	6

2,2,4-Trimethylpentane

(see Isooctane)

Trimethyl Phosphate, 99% PS

$C_3H_9O_4P$

M: 140,08 CAS: 512-56-1 EINECS: 208-144-8 NC: 2919 90 90

Signal Word: Warning



H340-H302-H351-H319-H315

1l~1,197kg 1kg~0,835l

SPECIFICATIONS:

Assay ..... 99 %

Identity ..... IR p/t.

Order code	Package	Units/Box st.
15B205.1608	100 ml	6
15B205.1610	500 ml	6

Trimethylsilylacetylene, 98% PS

$C_5H_{10}Si$

M: 98,22 CAS: 1066-54-2 EINECS: 213-919-9 NC: 2931 00 95 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,700kg 1kg~1,429l

SPECIFICATIONS:

Assay ..... 98 %

Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A324.1604	5 ml	6
15A324.1606	25 ml	6

Trimethylsilyl Chloride

(see Chlorotrimethylsilane)

N-(Trimethylsilyl) Diethylamine CG

for derivatization (GC)

M: 145,32 CAS: 996-50-9 EINECS: 213-637-6 NC: 2931 00 95 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H314

1l~0,767kg 1kg~1,304l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 95,0 %

Identity ..... IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
352615.0922	20 x 1 ml	6
352615.1905	10 ml	6
352615.2522	10 x 10 ml	6

N-(Trimethylsilyl) Imidazole CG

for derivatization (GC)

$C_6H_{12}N_2Si$

M: 140,26 CAS: 18156-74-6 EINECS: 242-040-3 NC: 2933 29 90 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~0,956kg 1kg~1,046l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %

Identity ..... IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
352616.0922	20 x 1 ml	6
352616.1905	10 ml	6
352616.2522	10 x 10 ml	6

N-(Trimethylsilyl) Imidazole, 98% PS

$C_6H_{12}N_2Si$

M: 140,26 CAS: 18156-74-6 EINECS: 242-040-3 NC: 2933 29 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226

1l~0,956kg 1kg~1,046l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
152616.1606	25 ml	6
152616.1608	100 ml	6

Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG

for derivatization (GC)
$(CH_3)_3SOH$

M: 94,18 CAS: 17287-03-5 NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370-H314

1l~0,810kg 1kg~1,235l

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355585.0922	20 x 1 ml	6

2,4,6-Trinitrophenol

(see Picric Acid)

Triphenylchloromethane, 98% PS

$C_{19}H_{15}Cl$

M: 278,78 CAS: 76-83-5 EINECS: 200-986-4 NC: 2908 19 00 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A155.1606	25 g	6
15A155.1608	100 g	6
15A155.1610	500 g	6

(R)-1,1,2-Triphenyl-1,2-Ethanediol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-1,1,2-Triphenyl-1,2-Ethanediol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Triphenylmethyl Chloride

(see Triphenylchloromethane)

(R)-Triphenyloxirane

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-Triphenyloxirane

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Triphenylphosphine, 99% PS

$C_{18}H_{15}P$

M: 262,29 CAS: 603-35-0 EINECS: 210-036-0 NC: 2931 00 95
Signal Word: Warning



H302-H317-H413

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
15A367.1608	100 g	6
15A367.1610	500 g	6

Triphosgene, 98% PS

$(Cl_3CO)_2CO$

M: 296,75 CAS: 32315-10-9 EINECS: 250-986-3 NC: 2920 90 10 UN: 2811
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607
Signal Word: Danger



H330

SPECIFICATIONS:

Assay ..... 98 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
15A100.1604	5 g	6
15A100.1606	25 g	6

Tris

(see Tris (Hydroxymethyl) Aminomethane)

Tris Hydrochloride

(see Tris (Hydroxymethyl) Aminomethane Hydrochloride)

Tris (2-Hydroxyethyl) Amine

(see Triethanolamine)

Tris (Hydroxymethyl) Aminomethane EQP-ACS

Primary Chemical Matter
$C_4H_{11}NO_3$

M: 121,14 CAS: 77-86-1 EINECS: 201-064-4 NC: 2922 19 80
Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Perchl.Ac.)(after dried at 105°C) 99,95-100,05%
Identity ..... IR p/t.
Melting range ..... 169-171°C
pH of 0,05 mol/l sol. 10,2-10,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,01 %
ABS at λ290 nm 40% sol. in water 0,2
Chloride (Cl) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00005 %
Ca ..... 0,001 %
Cd ..... 0,0001 %
Co ..... 0,0001 %
Cr ..... 0,0001 %
Cu ..... 0,0002 %
Fe ..... 0,0005 %
K ..... 0,001 %
Mg ..... 0,001 %
Na ..... 0,001 %
Ni ..... 0,0005 %
Pb ..... 0,0002 %
Zn ..... 0,0002 %

Order code	Package	Units/Box st.
241940.1521	10 x 1,5 g	6
241940.1608	100 g	6

Tris (Hydroxymethyl) Aminomethane PA-ACS

$C_4H_{11}NO_3$

M: 121,14 CAS: 77-86-1 EINECS: 201-064-4 NC: 2922 19 80
Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Acidim.) a.d.s 99,8-100,1%
Identity ..... IR p/t.
Melting range ..... 169-171°C
pH of 0,05 mol/l solution 10,2-10,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,01 %
Water (H_2O) ..... 0,5 %
ABS at λ290 nm 40% sol. in water 0,2
Chloride (Cl) ..... 0,0005 %
Heavy metals (as Pb) ..... 0,0005 %
As ..... 0,00005 %
Ca ..... 0,001 %
Cd ..... 0,0001 %
Co ..... 0,0001 %
Cr ..... 0,0001 %
Cu ..... 0,0002 %
Fe ..... 0,0005 %
K ..... 0,001 %
Mg ..... 0,001 %
Na ..... 0,001 %
Ni ..... 0,0005 %
Pb ..... 0,0002 %
Zn ..... 0,0002 %

Order code	Package	Units/Box st.
131940.1209	250 g	6
131940.1211	1000 g	6
131940.0914	5 kg	

Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_4H_{11}NO_3$

M: 121,14 CAS: 77-86-1 EINECS: 201-064-4 NC: 2922 19 80

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 168-172°C
pH of 5% solution 10,0-11,5
Related substance (T.L.C) ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in H_2O ..... 0,025 %
Loss on drying at 105°C ..... 0,5 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,003 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Methanol ..... 0,5 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Fe ..... 0,001 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
141940.1209	250 g (P)	6
141940.1211	1000 g (P)	6
141940.0914	5 kg (PP)	

Tris (Hydroxymethyl) Aminomethane Hydrochloride PA

$C_4H_{12}ClNO_3$

M: 157,60 CAS: 1185-53-1 EINECS: 214-684-5 NC: 2922 19 80

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 150-152°C
pH of 5% solution 3,5-5,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Residue on ignition (as SO_4) ..... 0,02 %
Water (H_2O) ..... 0,5 %
ABS at λ240 nm 10% sol. in H_2O 0,1
ABS at λ260 nm 10% sol. in H_2O 0,05
ABS at λ280 nm 10% sol. in H_2O 0,05
ABS at λ300 nm 10% sol. in H_2O 0,02
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,0002 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cr ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
Ni ..... 0,0005 %
Pb ..... 0,0005 %
Zn ..... 0,0005 %

Order code	Package	Units/Box st.
123654.1208	100 g (P)	6
123654.1209	250 g (P)	6

Tris (1,10-Phenanthroline) Iron(II) Sulphate

(see Ferroin indicator solution)

Triton® X 100 PRS

(® Registered trade-mark of Dow Chemical) surfactant for automatical analysis

CAS: 9002-93-1 NC: 3402 13 00

Signal Word: Danger



H302-H318

1l~1,065kg 1kg~0,939l

SPECIFICATIONS:

Identity ..... IR p/t.
Density at 20/4 1,060-1,070

Order code	Package	Units/Box st.
142314.1611	1000 ml	6
142314.1214	5 l (P)	4
142314.0716	25 l (P)	

Triton ® X 405 solution 70% PRS

(® Registered trade-mark of Dow Chemical) surfactant for automatical analysis

CAS: 9002-93-1 NC: 3402 13 00

Signal Word: Danger



H302-H318

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Identity ..... IR p/t.
Density at 20/4 1,090-1,105

Order code	Package	Units/Box st.
142315.1211	1000 ml (P)	6
142315.1214	5 l (P)	4

Trityl Chloride

(see Triphenylchloromethane)

Trolamine

(see Triethanolamine)

Tromethamine

(see Tris (Hydroxymethyl) Aminomethane)

Tropaeolin 000 n° 2

(see Orange II)

Tropaeolin D

(see Methyl Orange)

Tropaeolin G

(see Metanil Yellow)

Tryptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 15 %
Nitrogen, total ..... ≥5 %

Order code	Package	Units/Box st.
403682.1210	500 g (P)	6
403682.0914	5 kg (PP)	
403682.0416	25 kg (PP)	

L-Tryptophan PA

for the N determination in milk according to ISO 8968-3:2004

$C_{11}H_{12}N_2O_2$

M: 204,23 CAS: 73-22-3 EINECS: 200-795-6 NC: 2933 99 90

SPECIFICATIONS:

Assay (N Deter.) ..... 98,5-100,0 %

Order code	Package	Units/Box st.
122049.1206	25 g (P)	6

L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_{11}H_{12}N_2O_2$

M: 204,23 CAS: 73-22-3 EINECS: 200-795-6 NC: 2933 99 90

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{25}/D$ c=1 (in H_2O) ..... -29,4 to -32,8°
Specific rotation $[\alpha]^{20}/D$ c=1 (in H_2O) calc. a.d.s. ..... -30,0 to -33,0°
pH of 1% solution 5,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in HCl ..... p/t.
Loss on drying at 105°C ..... 0,3 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t
Impurity A and related substances Impurity A 0,001%
Total imp. Tr < Tryptophan 0,01%
Total imp. Tr > Tryptophan 0,03%
Ammonium (NH_4) ..... 0,02 %
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,00015 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142049.1206	25 g (P)	6
142049.1208	100 g (P)	6

L-Tryptophan, 99% PS

$C_{11}H_{12}N_2O_2$

M: 204,23 CAS: 73-22-3 EINECS: 200-795-6 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152049.1606	25 g	6
152049.1608	100 g	6
152049.1610	500 g	6

Tryptose (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403903.1210	500 g	6
403903.0914	5 kg	
403903.0416	25 kg	

TTC

(see 2,3,5-Triphenyl-2H-Tetrazolium Chloride)

TUBES NMR

Black caps for NMR tubes PAI

Order code	Package	Units/Box st.
745876.3422	100 un./pack	6

Tube 5TA (Throw away) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745872.3422	50 un./pack	6

Tube 5P (Precision) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745873.3422	50 un./pack	6

Tube 5HP (High precision) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745874.3422	5 un./pack	6

Tube 5UP (Utra precision) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745875.3422	5 un./pack	6

Tungstophosphoric Acid

(see Phosphotungstic Acid hydrate)

TURBIDITY STANDARDS

(see Standards for Turbidity)

Türck's Liquor DC

for hematology, leucocytes

NC: 3822 00 00

1l~1,005kg 1kg~0,995l

Composition:

Acetic Acid Glacial ..... 1,5 ml
Methylene Blue ..... 1,3 mg
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
251390.1609	250 ml	6

Turpentine Oil stabilized with 100 ppm of DL-α-Tocopherol (BP) PRS-CODEX

CAS: 8006-64-2 EINECS: 232-350-7 NC: 3805 10 10 UN: 1299

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H312-H302-H319-H315-H317-H411-H304

CE: 650-002-00-6

1l~0,861kg 1kg~1,161l

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Density at 20/4 0,855-0,868
Refractive index n ^{20}/D 1,467-1,477

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH ..... p/t.
Non-volatile matter ..... 0,5 %
Residual solvents (Ph.Eur.) ..... p/t.
Pine oil ..... p/t.
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141302.1611	1000 ml	6
141302.1612	2,5 l	4
141302.1214	5 l	4
141302.0718	60 l	

Turpentine Oil stabilized with 100 ppm of DL-α-Tocopherol (BP, Ph. Eur.) CODEX

CAS: 8006-64-2 EINECS: 232-350-7 NC: 3805 10 10 UN: 1299

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H312-H302-H319-H315-H317-H411-H304

1l~0,861kg 1kg~1,161l

SPECIFICATIONS:

Assay (as α-Pinene) (G.C.) ..... 70,0-85,0 %
Assay (as β-Pinene) (G.C.) ..... 11,0-20,0 %
Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 0,856-0,872
Refractive index n^{20}/D 1,465-1,475
Specific rotation $[\alpha]^{20}$/D ..... -40 to -28°
Camphene (G.C.) ..... 0,5-1,5 %
β-Myrcene (G.C.) ..... 0,4-1,5 %
Limonene (G.C) ..... 1,0-7,0 %
Longifolene (G.C.) ..... 0,2-2,5 %
β-Caryophyllene (G.C.) ..... 0,1-3,0 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 2,5 %
Acidity value 1,0
Peroxide value 20
Fatty oils and resinified essential oils ..... p/t.
3-Carene (G.C.) ..... 1,0 %
Caryophyllen oxide (G.C.) ..... 1,0 %
Residual solvents (Ph.Eur.) ..... p/t.

Order code	Package	Units/Box st.
191302.1611	1000 ml	6
191302.1612	2,5 l	4
191302.1214	5 l	4
191302.0716	25 l	
191302.0718	60 l	

Turpentine Oil stabilized with 100 ppm of DL-α-Tocopherol QP

CAS: 8006-64-2 EINECS: 232-350-7 NC: 3805 10 10 UN: 1299

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H312-H302-H319-H315-H317-H411-H304

1l~0,861kg 1kg~1,161l

SPECIFICATIONS:

Density at 20/4 0,855-0,868

Order code	Package	Units/Box st.
211302.1214	5 l	4
211302.0716	25 l	

Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

(® Registered trade-mark of ICI)

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO_4) ..... 0,2 %
Total ash 0.25%
Composition of fatty acids ..... p/t.
Acidity value 2,0
Hydroxyl value 96-108
Peroxide value 10,0
Saponification value 40-50
Iodine value 5,0
Reducing Impurities ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Ethylene oxide ..... 0,0001 %
Dioxan ..... 0,001 %
Water (H_2O) ..... 3,0 %
Heavy metals (as Pb) ..... 0,001 %
As ..... 0,0001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142312.1611	1000 ml	6
142312.1214	5 l	4
142312.0716	25 l	

Tween® 20 (E-432) ADITIO

(® Registered trade-mark of ICI)

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than ..... 97,3 %
Water (H_2O), not more than ..... 3 %
Acidity value, not more than 2
Saponification value 40-50
Hydroxyl value 96-108
1,4-Dioxane, not more than ..... 5 ppm
Ethylene Oxide, not more than ..... 0,2 ppm
Ethylene Glycol (mono- and di-), not more than ..... 0,25 %
Arsenic, not more than ..... 3 ppm
Lead, not more than ..... 5 ppm
Mercury, not more than ..... 1 ppm
Cadmium, not more than ..... 1 ppm
Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
202312.1214	5 l	4
202312.0716	25 l	

Tween® 20 PS

(® Registered trade-mark of ICI)

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Hydroxyl value 96-108
Saponification value 40-50

Order code	Package	Units/Box st.
162312.1611	1000 ml	6
162312.1214	5 l	4
162312.0716	25 l	

Tween ® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX

(® Registered trade-mark of ICI)

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Density at 25/25 1,06-1,09
Viscosity at 25°C ..... 300-500 cSt

MAXIMUM LIMIT OF IMPURITIES

Total ash ..... 0,25 %
Composition of fatty acids ..... p/t.
Acidity value 2,0
Hydroxyl value 65-80
Peroxide value 10,0
Saponification value 45-55
Iodine value 18-24
Reducing impurities ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Ethylene Oxide ..... 0,0001 %
Dioxan ..... 0,001 %
Water (H_2O) ..... 3,0 %
Heavy metals (as Pb) ..... 0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) ..... 10 ppm
Class 1B (Ir, Rh, Ru, Os) ..... 10 ppm
Class 1C (Mo, Ni, Cr, V) ..... 25 ppm
Class 2 (Cu, Mn) ..... 250 ppm
Class 3 (Fe, Zn) ..... 1300 ppm

Order code	Package	Units/Box st.
142050.1611	1000 ml	6
142050.1214	5 l	4
142050.0716	25 l	

Tween® 80 (E-433) ADITIO

(® Registered trade-mark of ICI)

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than ..... 96,5 %
Water (H_2O), not more than ..... 3 %
Acidity value, not more than 2
Saponification value 45-55
Hydroxyl value 65-80
1,4-Dioxane, not more than ..... 5 ppm
Ethylene Oxyde, not more than ..... 0,2 ppm
Ethylene Glycol (mono- and di-), not more than ..... 0,25 %
Arsenic, not more than ..... 3 ppm
Lead, not more than ..... 5 ppm
Mercury, not more than ..... 1 ppm
Cadmium, not more than ..... 1 ppm
Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
202050.1214	5 l	4
202050.0716	25 l	

Tween® 80 PS

(® Registered trade-mark of ICI)

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Hydroxyl value 65-80
Saponification value 45-55

Order code	Package	Units/Box st.
162050.1611	1000 ml	6
162050.1214	5 l	4
162050.0716	25 l	

L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_9H_{11}NO_3$

M: 181,19 CAS: 60-18-4 EINECS: 200-460-4 NC: 2922 50 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.
T.L.C ..... p/t.
Specific rotation $[\alpha]^{25}$/D c=5 (in HCl 1 mol/l) ..... -9,8 to -11,2°
Specific rotation $[\alpha]^{20}$/D c=5 (in HCl 1 mol/l) calc. a.d.s. ..... -11,0 to -12,3°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in HCl ..... 0,05 %
Loss on drying at 105°C ..... 0,3 %
Residue on ignition (as SO_4) ..... 0,1 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Chloride (Cl) ..... 0,02 %
Sulphate (SO_4) ..... 0,03 %
Ammonium (NH_4) ..... 0,02 %
Heavy metals (as Pb) ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142077.1208	100 g P	6

L-Tyrosine, 99% PS

$C_9H_{11}NO_3$

M: 181,19 CAS: 60-18-4 EINECS: 200-460-4 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay ..... 99 %

Order code	Package	Units/Box st.
152077.1606	25 g	6
152077.1608	100 g	6

Uranine

(see Fluorescein Sodium)

URANIUM SOLUTIONS

(see Standards for ICP)

Uranyl Nitrate 6-hydrate PA-ACS

$N_2O_8U.6H_2O$
$UO_2(NO_3)_2.6H_2O$

M.= 502,13 CAS [13520-83-7] EINECS 233-266-3 NC: 2844 30 91
E.C.: 092-002-00-3 RTECS: YR 3850000 UN: 3086 ADR: 6.1/II
IMDG: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615 (D/E)
Product controlled as dual purpose

Signal Word: Danger



H330-H300-H373-H411

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Oxidable by $KMnO_4$ [as U(IV)] ..... 0,06 %
Alkalis and alkaline-earths (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,002 %
Sulphate (SO_4) ..... 0,005 %
Heavy metals (as Pb) ..... 0,002 %
Ca ..... 0,005 %
Cd ..... 0,0005 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,001 %
K ..... 0,005 %
Mg ..... 0,0005 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,001 %
Pb ..... 0,001 %
Zn ..... 0,005 %

Order code	Package	Units/Box st.
131753.2406	25 g	4

Urea crystal PA-ACS

NH_2CONH_2

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (Perchl. Ac.) ..... 99,0-100,5 %
Identity ..... IR p/t.
Melting range ..... 132-135°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Residue on ignition (as SO_4) ..... 0,01 %
Biuret ..... 0,1 %
Chloride (Cl) ..... 0,0005 %
Sulphate (SO_4) ..... 0,001 %
Heavy metals (as Pb) ..... 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	2	Fe	5	Si	2
Al	2	In	2	Sn	2
B	2	K	2	Sr	2
Ba	2	Mg	2	Ti	2
Be	2	Mn	5	Tl	2
Cd	5	Mo	2	V	2
Co	5	Ni	5	Zn	5
Cr	2	Pb	5		
Cu	5	Pt	2		

Order code	Package	Units/Box st.
131754.1210	500 g P	6
131754.1211	1000 g P	6
131754.0914	5 kg PP	4
131754.0416	25 kg PP	

Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX

NH_2CONH_2

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (N deter.) calc. a.d.s 99,5-100,5%
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 132-134°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in C_2H_5OH ..... 0,04 %
Loss on drying at 105°C ..... 1,0 %
Residue on ignition (as SO_4) ..... 0,1 %
Alkalinity ..... p/t.
Biuret ..... 0,1 %
Chloride (Cl) ..... 0,007 %
Sulphate (SO_4) ..... 0,010 %
Ammonium (NH_4) ..... 0,05 %
Heavy metals (as Pb) ..... 0,001 %
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
191754.1211	1000 g P	6
191754.0914	5 kg PP	
191754.0416	25 kg PP	

Urea pearls PRS

NH_2CONH_2

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (Perchl. Ac.) ..... 98,5 %
Identity ..... IR p/t.
Insoluble matter in H_2O ..... 0,02 %
Residue on ignition (as SO_4) ..... 0,1 %
Chloride (Cl) ..... 0,005 %
Sulphate (SO_4) ..... 0,01 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
146392.1210	500 g P	6
146392.1211	1000 g P	6
146392.0914	5 kg PP	
146392.0416	25 kg PP	

Urea pearls, (E-927b, F.C.C.) ADITIO

NH_2CONH_2

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (as CH_4N_2O)....99,0-100,5 %
Melting range....132-135°C
Insoluble matter in ethanol, not more than....0,04 %
Chloride (Cl), not more than....0,007 %
Lead, not more than....5 ppm
Loss on drying, not more than....1,0 %
Residue on ignition, not more than....0,1 %
Sulphate, not more than....0,01 %
Alkalinity....p/t.
Ammonium (NH_4), not more than....0,05 %
Biuret, not more than....0,1 %
Arsenic, not more than....3 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
206392.0914	5 kg PP	

Urea pearls, 98,5% PS

NH_2CONH_2

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (Perchl. Ac.)....98,5 %
Identity....IR p/t.

Order code	Package	Units/Box st.
156392.1210	500 g P	6
156392.0914	5 kg PP	

Urea Nitrate moistened with ~20% of H_2O PRS

$NH_2CONH_2HNO_3$

M: 123,07 CAS: 17687-37-5 EINECS: 241-672-7 NC: 3102 10 90 UN: 1357
IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412
Signal Word: Warning

EUH001-H315

SPECIFICATIONS:

Assay (Acidim.)....98 %
Insoluble matter in H_2O....0,025 %
Chloride (Cl)....0,01 %
Sulphate (SO_4)....0,01 %
Cu....0,002 %
Fe....0,002 %
Ni....0,002 %
Pb....0,002 %
Analysis applied to the dry substance.

Order code	Package	Units/Box st.
141756.1210	500 g P	6
141756.0716	25 kg P	

Uric Acid PRS

$C_5H_4N_4O_3$

M: 168,11 CAS: 69-93-2 EINECS: 200-720-7 NC: 2933 59 95

SPECIFICATIONS:

Assay (Determ of N)....98 %
Identity....IR p/t.
Insoluble matter in NaOH....p/t.
Residue on ignition (as SO_4)....0,2 %
Ammonium....p/t.
Water (H_2O)....0,5 %

Order code	Package	Units/Box st.
141068.1605	10 g	6

Urotropine

(see Hexamethylenetetramine)

D-Valine, 99% PS

$C_5H_{11}NO_2$

M: 117,14 CAS: 640-68-6 EINECS: 211-368-9 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay....99 %

Order code	Package	Units/Box st.
15A035.1604	5 g	6
15A035.1606	25 g	6

DL-Valine, 98% PS

$C_5H_{11}NO_2$

M: 117,14 CAS: 516-06-3 EINECS: 208-220-0 NC: 2922 42 00

SPECIFICATIONS:

Minimum assay....98 %

Order code	Package	Units/Box st.
15A315.1606	25 g	6
15A315.1608	100 g	6

L-Valine (USP, BP, Ph. Eur.) PRS-CODEX

$C_5H_{11}NO_2$

M: 117,15 CAS: 72-18-4 EINECS: 200-773-6 NC: 2922 50 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s....98,5-101,0 %
Identity according to Pharmacopoeias....p/t.
Specific rotation $[\alpha]^{20}$/D c=8 (in HCl)....+26,5 to +29,0°
Specific rotation $[\alpha]^{25}$/D c=8 (in HCl)....+26,6 to +28,8°
pH 5% solution....5,5-7,0
T.L.C....p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution....p/t.
Loss on drying at 105°C....0,3 %
Residue on ignition (as SO_4)....0,1 %
Organic volatile impurities....p/t.
Ammonium (NH_4)....0,02 %
Chloride (Cl)....0,02 %
Sulphate (SO_4)....0,03 %
Heavy metals (as Pb)....0,001 %
Fe....0,001 %

Order code	Package	Units/Box st.
145044.1208	100 g P	6

L-Valine (F.C.C.) ADITIO

$C_5H_{11}NO_2$

M: 117,15 CAS: 72-18-4 EINECS: 200-773-6 NC: 2922 50 00

SPECIFICATIONS:

Assay (as $C_5H_{11}NO_2$) calc. a.d.s....98,5-101,5%
Identification....IR p/t.
Lead, not more than....5 ppm
Loss on drying, not more than....0,3 %
Residue on ignition, not more than....0,1 %
Specific rotation $[\alpha]^{20}$/D calc. a.d.s....+26,7 to +29,0°
Specifications F.C.C. 6

Order code	Package	Units/Box st.
205044.1208	100 g P	6
205044.1211	1 kg P	6

L-Valine, 98% PS

$C_5H_{11}NO_2$

M: 117,15 CAS: 72-18-4 EINECS: 200-773-6 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay....98 %

Order code	Package	Units/Box st.
155044.1608	100 g	6
155044.1610	500 g	6

Vanadate-Molybdate Reagent RE

for determination of phosphates

NC: 3822 00 00 UN: 1760
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger

H314

1l~1,149kg 1kg~0,870l

Composition:
Ammonium Molybdate 4-hydrate....2,97 g
Ammonium meta-Vanadate....0,15 g
Sulphuric Acid 96%....14,2 ml
Water s.q.m....100 ml

Order code	Package	Units/Box st.
173333.1210	500 ml P	6
173333.1211	1000 ml P	6

Vanadic Anhydride

(see Vanadium(V) Oxide)

VANADIUM SOLUTIONS

(see Standards for ICP)

Vanadium(V) Oxide PRS

V_2O_5

M: 181,88 CAS: 1314-62-1 EINECS: 215-239-8 NC: 2825 30 00 UN: 2862
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger



H332-H302-H335-H341-H372-H411-H361d

SPECIFICATIONS:

Assay (Redox.) ..... 99 %
Nitrogen compounds (as N) ..... 0,01 %
Chloride (Cl) ..... 0,05 %
Sulphate (SO_4) ..... 0,05 %
As ..... 0,005 %
Fe ..... 0,02 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
142909.1208	100 g	6
142909.1209	250 g	6

Vanadium Pentoxide

(see Vanadium(V) Oxide)

Van Gieson II solution DC

for microscopy

NC: 3822 00 00
Signal Word: Warning



H302

1l~1,002kg 1kg~0,998l

Composition:
Fuchsin Acid ..... 0,1 g
Picric Acid moistened with~33% of H_2O ..... 1,57 g
Hydrochloric Acid 35% ..... 0,26 ml
Water s.q.m ..... 100 ml

Order code	Package	Units/Box st.
253625.1610	500 ml	6

Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_8H_8O_3$

M: 152,15 CAS: 121-33-5 EINECS: 204-465-2 NC: 2912 41 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s 99,0-101,0%
Identity according to Pharmacopoeias ..... p/t.
Melting range ..... 81-83°C
T.L.C ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Insoluble matter in C_2H_5OH ..... p/t.
Loss on drying ..... 1,0 %
Residue on ignition (as SO_4) ..... 0,05 %
Residual solvents (Ph.Eur./USP) ..... p/t
Darkened substances by H_2SO_4 ..... p/t.
As ..... 0,0001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
Ni ..... 0,001 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
142048.1208	100 g	6
142048.1210	500 g	6

Vanillin (F.C.C.) ADITIO

$C_8H_8O_3$

M: 152,15 CAS: 121-33-5 EINECS: 204-465-2 NC: 2912 41 00
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as $C_8H_8O_3$) a.d.s., not less than. ..... 97,0 %
IR ..... p/t.
Loss on drying, not more than ..... 0,5 %
Residue on ignition, not more than ..... 0,05 %
Melting range ..... 81-83°C
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202048.1211	1 kg	6
202048.0914	5 kg	

Vanillin, 99% PS

$C_8H_8O_3$

M: 152,15 CAS: 121-33-5 EINECS: 204-465-2 NC: 2912 41 00
Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99 %
Identity ..... IR p/t.
Melting range ..... 81-83°C

Order code	Package	Units/Box st.
152048.1208	100 g	6
152048.1210	500 g	6

Vaseline Oil (IR) PAI

CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85
1l~0,880kg 1kg~1,136l

SPECIFICATIONS:

Suitability for IR spectroscopy ..... p/t.

Order code	Package	Units/Box st.
331003.1609	250 ml	6

Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85
1l~0,880kg 1kg~1,136l

SPECIFICATIONS:

Identity according to Pharmacopoeias ..... p/t.
Density at 20/20 0,827-0,890
Density at 25/25 0,845-0,905
Kinematic viscosity at 39,9-40,1°C ..... 34,5-150,0 mm^2/s
Dynamic viscosity at 19,9-20,1°C ..... 110 - 230 mPas

MAXIMUM LIMIT OF IMPURITIES

Darkened substances by H_2SO_4 ..... p/t.
Polynuclear Hydrocarbons ..... p/t.
Sulphur compounds ..... p/t.
Solid Paraffin ..... p/t.
Acidity or alkalinity ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t.

Order code	Package	Units/Box st.
141003.1211	1000 ml	6
141003.1212	2,5 l	4
141003.1214	5 l	4
141003.0716	25 l	
141003.0718	60 l	

Vaseline Oil (F.C.C.) ADITIO

CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85
1l~0,880kg 1kg~1,136l

SPECIFICATIONS:

Easily carbonizable substances ..... p/t.
Polynuclear hydrocarbons ..... p/t.
Specific gravity 0,845-0,890
Kinematic viscosity at 40,0 °C, not less than ..... 34,5 cSt
Lead, not more than ..... 1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201003.1214	5 l	4
201003.0716	25 l	

Vaseline Soft QP

for lubricating glass joints
CAS: 8009-03-8 EINECS: 295-456-2 NC: 2712 10 90
SPECIFICATIONS:
Identity.....IR p/t.
Free acids..... p/t.
Fatty acids, waxes and resins..... p/t.
Suspension matter..... p/t.

Order code	Package	Units/Box st.
211757.1207	50 g	6
211757.1209	250 g	6
211757.1211	1000 g	6
211757.0914	5 kg	
211757.0716	25 kg	

Veratronitrile

(see 3,4-Dimetoxibenzonitrile)

Vesuvine

(see Bismarck Brown R)

Victoria Blue B (C.I. 44045) DC

for microscopy, bacteriology
$C_{33}H_{32}ClN_3$
M: 506,10 CAS: 2580-56-5 EINECS: 219-943-6 NC: 3204 13 00
SPECIFICATIONS:
Identity.....IR p/t.
λ of max. ABS in C_2H_5OH 50%..... 612-617 nm
A 1%; 1 cm; λmax.....>1375
Ratio λmax. P± 15 nm..... 1,02 - 1,10
T.L.C ..... p/t.
MAXIMUM LIMIT OF IMPURITIES
Loss on drying at 135°C..... 10 %

Order code	Package	Units/Box st.
251177.1605	10 g	6

Vinylbenzene

(see Styrene)

Vinyl Cyanide

(see Acrylonitrile)

Vitamin C

(see L(+)-Ascorbic Acid)

Vitamin M

(see Folic Acid)

VITROSEC

Vitrosec® dehydrating DC

(® Registered trade-mark of Panreac Química S.A.U.)
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225
1l~0,790kg 1kg~1,266l
Composition:
Ethanol absolute denatured with bitrex (v/v).....98,75 %
Methanol (v/v).....1,25 %

Order code	Package	Units/Box st.
256065.1211	1000 ml	6
256065.2714	5 l	4
256065.1315	10 l	(*)

Voges Proskauer A Reagent DC

NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H319
1l~0,900kg 1kg~1,111l
Composition:
1-Naphthol .....50 g
Ethanol 70%.....980 ml

Order code	Package	Units/Box st.
254833.1208	100 ml	6

Voges Proskauer B Reagent DC

NC: 3822 00 00 UN: 1719
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H302-H314
1l~1,29kg 1kg~0,78l
Composition:
Creatine .....3 g
Potassium Hydroxide 40%.....1000 ml

Order code	Package	Units/Box st.
254832.1208	100 ml	6

Water (TMA) HIPERPUR-PLUS

H_2O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
APHA colour.....10
Chloride (Cl)..... 1 ppb
Phosphate (PO_4) ..... 1 ppb
Sulphate (SO_4) ..... 1 ppb
Metals by ICP (ppt)

Ag.....10	Hf.....1	Ru.....10
Al.....20	Hg.....20	Sb.....10
As.....10	Ho.....1	Sc.....10
Au.....10	In.....1	Se.....50
B.....20	K.....10	Sm.....10
Ba.....10	La.....1	Sn.....10
Be.....10	Li.....10	Sr.....10
Bi.....10	Lu.....1	Ta.....10
Ca.....10	Mg.....10	Tb.....10
Cd.....10	Mn.....10	Te.....1
Ce.....10	Mo.....10	Th.....1
Co.....10	Na.....10	Ti.....10
Cr.....10	Nb.....10	Tl.....10
Cs.....10	Nd.....1	Tm.....10
Cu.....10	Ni.....10	U.....1
Dy.....1	Pb.....10	V.....10
Er.....1	Pd.....10	W.....10
Eu.....1	Pr.....10	Y.....1
Fe.....10	Pt.....10	Yb.....10
Ga.....10	Rb.....10	Zn.....10
Gd.....1	Re.....10	Zr.....10
Ge.....10	Rh.....10	

Order code	Package	Units/Box st.
711074.0010	500 ml	6
711074.0011	1000 ml	6

Water (HPLC-gradient grade) PAI

H_2O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
Specific conductance at 25°C (Measured during production)...1 µS cm^{-1}
Non-volatile matter.....0,0002 %
Colony count.....25 cfu/ml
Gradient:

λ (nm)	210	254
A (mAU)	5	0,5

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
221074.1611	1000 ml	6
221074.1612	2,5 l	4

Water (UV-HPLC) PAI-ACS

H_2O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Specific conductance at 25°C
(Measured during production) ..... $1,0x10^{-6}ohm^{-1}cm^{-1}$
Non-volatile matter ..... 0,0003 %
Reducing substances to $KMnO_4$ ..... p/t.
Suitability for gradient acc. to ACS ..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	210	254	300-450
A (AU)	0,009	0,009	0,004	0,004
T (%)	98	98	99	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 10,2
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361074.1611	1000 ml	6
361074.1612	2,5 l	4

Water (LC-MS) PAI

H_2O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter ..... 0,0001 %
Chloride (Cl) ..... 0,000001 %
Fluoride (F) 0,000001%
Nitrate (NO_3) ..... 0,00001 %
Sulphate (SO_4) ..... 0,00001 %
Suitability for LC-MS ..... p/t.
Gradient:

λ (nm)	210	254
A (mAU)	5	0,1

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	200	230
A (UA)	0,022	0,004
T (%)	95	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Metals by ICP [mg/Kg (ppm)]

Ag	0,1	Fe	0,1		
Al	0,5	K	0,1		
Ba	0,1	Mg	0,1		
Ca	0,1	Mn	0,02		
Cd	0,05	Na	0,1		
Co	0,02	Ni	0,02		
Cr	0,02	Pb	0,1		
Cu	0,02	Sn	0,1		
		Zn	0,1		

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
701074.1611	1000 ml	6
701074.1612	2,5 l	4

Water (PAR) PAI

H_2O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l~1,000kg 1kg~1,000l

MAXIMUM LIMIT OF IMPURITIES

SPECIFICATIONS:

Specific conductance at 25°C
(Measured during production) ..... $2,0x10^{-6}ohm^{-1}cm^{-1}$
Non-volatile matter ..... 0,0005 %
Reducing substances to $KMnO_4$ ..... p/t.
Signal ECD of pesticide (Lindane to DDT) (as Lindane) ..... 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos)
(as Ethylparathion) ..... 5 ng/l

Order code	Package	Units/Box st.
321074.1611	1000 ml	6
321074.1612	2,5 l	4

Water PA-ACS

H_2O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

pH 5-8

MAXIMUM LIMIT OF IMPURITIES

Specific conductance at 25°C
(Measured during production) ..... $1,0x10^{-6}ohm^{-1}cm^{-1}$
ABS at λ 254 nm in water, 1 cm 0,01
Non-volatile matter ..... 0,0001 %
Residue on ignition ..... 0,0002 %
Reducing substances to $KMnO_4$ ..... p/t.
Chloride (Cl) ..... 0,00001 %
Phosphate (PO_4) ..... 0,000005 %
Nitrate (NO_3) ..... 0,00002 %
Silicate (SiO_2) ..... 0,000001 %
Sulphate (SO_4) ..... 0,0001 %
Ammonium (NH_4) ..... 0,000001 %
Heavy metals (as Pb) ..... 0,000001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,01	Cu	0,01	Ni	0,01
Al	0,02	Fe	0,01	Pb	0,01
As	0,05	Ga	0,01	Pt	0,01
Au	0,01	Ge	0,01	Sb	0,01
B	0,01	Hg	0,05	Se	0,01
Ba	0,01	In	0,01	Sn	0,01
Be	0,02	K	0,05	Sr	0,05
Bi	0,01	Li	0,02	Ti	0,01
Ca	0,1	Mg	0,05	Tl	0,01
Cd	0,01	Mn	0,01	V	0,01
Co	0,01	Mo	0,01	Zn	0,05
Cr	0,01	Na	0,1	Zr	0,01

Meet Specifications for water type 2 according to ISO:3696:1987. 'Water reagent for use in laboratory analysis'.

Order code	Package	Units/Box st.
131074.1211	1000 ml	6
131074.1212	2,5 l	4
131074.1214	5 l	4
131074.1315	10 l	(*)
131074.0716	25 l	
131074.0718	60 l	
131074.0719	200 l	

Water (BP, Ph. Eur.) PRS-CODEX

H_2O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Conductivity at 20°C (measured during production) ..... $4,3\ \mu S.cm^{-1}$

MAXIMUM LIMIT OF IMPURITIES

Appearance ..... p/t.
Acidity or alkalinity ..... p/t.
Non-volatile matter ..... 0,001 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Oxidisable substances ..... p/t.
Calcium and Magnesium ..... p/t.
Chloride (Cl) ..... p/t.
Sulphate (SO_4) ..... p/t.
Amonium (NH_4) ..... 0,00002 %
Nitrate (NO_3) ..... 0,00002 %
Microbial contamination:
Total aerobic count ..... 100 ufc/ml
Heavy metals (as Pb) ..... 0,00001 %
Al ..... 0,000001 %

Order code	Package	Units/Box st.
141074.1315	10 l	(*)

Water Deionized QP

H_2O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Chloride (Cl) ..... 0,005 %
Phosphate (PO_4) ..... 0,005 %
Sulphate (SO_4) ..... 0,005 %

Order code	Package	Units/Box st.
212236.1214	5 l	4
212236.0716	25 l	
212236.0718	60 l	

(*) Sol-Pack pack with tap

Water Blue
(see Aniline Blue WS)

WATER STANDARDS
(see Standards for Water)

White Lead
(see Lead(II) Hydroxide Carbonate)

White Spirit PA
CAS: 8052-41-3 EINECS: 232-455-8 NC: 2710 11 21 UN: 1300
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H312-H302

1l~0,780kg 1kg~1,282l
SPECIFICATIONS:
Density at 20/4 0,775-0,785
MAXIMUM LIMIT OF IMPURITIES
Non-volatile matter ..... 0,005 %
Sulphur compounds ..... 0,0003 %
Acidity ..... 0,00002 meq/g
Water (H_2O) ..... 0,02 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,5
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,5	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,0
Cu	0,02	P	0,2		

2

Order code	Package	Units/Box st.
123410.1611	1000 ml	6
123410.1612	2,5 l	4
123410.1616	25 l	

White Spirit PS
CAS: 8052-41-3 EINECS: 232-455-8 NC: 2710 11 21 UN: 1300
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H312-H302

1l~0,780kg 1kg~1,282l
SPECIFICATIONS:
Density at 20/4 0,770-0,800
Acidity ..... 0,0002 meq/g
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
163410.1611	1000 ml	6
163410.1612	2,5 l	4
163410.1714	5 l	4
163410.0616	25 l	

WIDE SPECTRUM MICROTABLETS

Wide Spectrum Microtablets I RE
for preserving milk samples. Tablets of 18 mg
NC: 3822 00 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger


H312-H302-H335-H315-H318-H410

Composition:
2-Bromo-2-Nitro-1,3-Propanediol ..... 10 mg
Natamycin ..... 0,45 mg
pH chromatic indicator ..... 0,5 mg
Excipient ..... 7,05 mg

Order code	Package	Units/Box st.
174748.1260	90 g	6

Wide Spectrum Microtablets II RE
for preserving milk samples. Tablets of 18 mg.
NC: 3822 00 00 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
Signal Word: Danger


H312-H302-H335-H315-H318-H410

Composition:
2-Bromo-2-Nitro-1,3-Propanediol ..... 9,85 mg
Natamycin ..... 0,9 mg
Sodium Chloride ..... 6,21 mg
Magnesium Stearate ..... 0,36 mg
Lactose 1-hydrate ..... 0,18 mg
Sunset Yellow ..... 0,5 mg

Order code	Package	Units/Box st.
175387.1260	90 g	6

Wieninger's Reagent
(see Kjeldahl Catalyst (Cu-Se))

Wijs Chloride
(see Iodine mono-Chloride)

Wijs' Reagent 0,1 mol/l (0,2N) RV
for determination of iodine index
NC: 3822 00 00 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger


H226-H314

1l~1,063kg 1kg~0,941l
Composition:
Iodine mono-Chloride ..... 1,8 g
Acetic Acid glacial s.q.m ..... 100 ml

Order code	Package	Units/Box st.
281590.1610	500 ml	6
281590.1611	1000 ml	6

WINE STANDARDS
(see Standards for Wine)

WOLFRAM SOLUTIONS
(see Standards for ICP)

Wright's Solution
(see Eosin-Methylene Blue solution according to Leishman)

Wright's Staining
(see Eosin-Methylene Blue dye according to Leishman)

WSCP Kit RE
for the WSCP biocide determination. 80 tests
NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H225

Comprised of:
2x60 ml WSCP, complexing solution
2x15 ml WSCP, indicator solution 1
2x15 ml WSCP, acid solution
2x30 ml WSCP, indicator solution 2
2x60 ml WSCP, titrating solution
2x50 ml Beaker
1x30 ml Plastic syringe
1x1 ml Plastic syringe
1 Instructions sheet

Order code	Package	Units/Box st.
175154.0922	pack	6

WSCP Kit Refill RE

40 tests
NC: 3822 00 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger


H225
Comprised of:
1x60 ml WSCP, complexing solution
1x15 ml WSCP, indicator solution 1
1x15 ml WSCP, acid solution
1x30 ml WSCP, indicator solution 2
1x60 ml WSCP, titrating solution

Order code	Package	Units/Box st.
175166.0922	pack	6

X-Gal

(see 5-Bromo-4-Chloro-3-Indolyl-β-D-Galactopyranoside)

Xylene, mixture of isomers dry (max. 0,005% water) DS-ISO

C_8H_{10}
M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H312-H315
1l~0,865kg 1kg~1,156l
SPECIFICATIONS:
Minimum assay (G.C.) [isomers mixture (C_8H_{10})] ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,862-0,864
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Benzene (G.C.) ..... 0,05 %
Ethylbenzene (G.C.) ..... 30 %
Toluene (G.C.) ..... 0,1 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compound (as CS_2) ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,005 %
Thiophene (C_4H_4S) ..... 0,0001 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481769.1611	1000 ml	6

Xylene, mixture of isomers (Reag. Ph. Eur.) PA-ACS-ISO

C_8H_{10}
M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H312-H315
1l~0,865kg 1kg~1,156l
SPECIFICATIONS:
Minimum assay (G.C.) [isomers mixture (C_8H_{10})] ..... 99,0 %
Identity ..... IR p/t
Density at 20/4 0,862-0,864
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter ..... 0,001 %
Benzene (G.C.) ..... 0,05 %
Ethylbenzene (G.C.) ..... 25 %
Toluene (G.C.) ..... 0,1 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compound (as CS_2) ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,03 %
Thiophene (C_4H_4S) ..... 0,0001 %
Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131769.1611	1000 ml	6
131769.2711	1000 ml	6
131769.1612	2,5 l	4
131769.0314	5 l	4
131769.0616	25 l	

Xylene, mixture of isomers PRS

C_8H_{10}
M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning


H226-H332-H312-H315
1l~0,865kg 1kg~1,156l
SPECIFICATIONS:
Assay (G.C.) (isomers mixture C_8H_{10}) ..... 98 %
Identity ..... IR p/t.
Density at 20/4 0,862-0,864
Non-volatile matter ..... 0,01 %
Acidity ..... 0,0003 meq/g
Alkalinity ..... 0,00025 meq/g
Water (H_2O) ..... 0,05 %
Thiophene (C_4H_4S) ..... 0,0005 %
Cu ..... 0,00002 %
Fe ..... 0,00005 %
Ni ..... 0,00002 %
Pb ..... 0,00002 %

Order code	Package	Units/Box st.
141769.2711	1000 ml	6
141769.1612	2,5 l	4
141769.0314	5 l	4
141769.0616	25 l	

Xylene, 98,5% mixture of isomers PS

C_8H_{10}

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Minimum assay (G.C.) (isomers mix. C_8H_{10}) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 0,862-0,864
Non-volatile matter ..... 0,005 %
Water (H_2O) ..... 0,05 %

Order code	Package	Units/Box st.
161769.2711	1000 ml	6
161769.1612	2,5 l	4
161769.1714	5 l	4
161769.0616	25 l	

Xylene, mixture of isomers QP

C_8H_{10}

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Assay (G.C.)(isomers mix. C_8H_{10}) ..... 97 %
Density at 20/4 0,862-0,867
Acidity ..... 0,003 meq/g
Water (H_2O) ..... 0,1 %

Order code	Package	Units/Box st.
211769.2711	1000 ml	6
211769.1714	5 l	4
211769.0616	25 l	

Xylene, mixture of isomers DC

solvent for histology

C_8H_{10}

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Minimum assay (G.C.) [isomers mixture (C_8H_{10})] ..... 98,5 %
Identity ..... IR p/t.

Order code	Package	Units/Box st.
251769.2711	1000 ml	6
251769.2714	5 l	4

Xylene, mixture of isomers, low in ethylbenzene (max. 4%) PA-ACS-ISO

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,863kg 1kg~1,158l

SPECIFICATIONS:

Minimum assay (G.C.) (isomers mixture C_8H_{10}) ..... 98,5 %
Identity ..... IR p/t.
Density at 20/4 0,862-0,864

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Benzene (G.C.) ..... 0,1 %
Ethylbenzene (G.C.) ..... 4 %
Toluene (G.C.) ..... 0,4 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as CS_2) ..... 0,0003 %
Acidity ..... 0,0001 meq/g
Alkalinity ..... 0,0001 meq/g
Water (H_2O) ..... 0,03 %
Thiophene (C_4H_4S) ..... 0,0001 %
Ca ..... 0,00005 %
Cd ..... 0,000005 %
Co ..... 0,000002 %
Cr ..... 0,000002 %
Cu ..... 0,000002 %
Fe ..... 0,00001 %
Mg ..... 0,00001 %
Mn ..... 0,000002 %
Ni ..... 0,000002 %
Pb ..... 0,00001 %
Zn ..... 0,00005 %

Order code	Package	Units/Box st.
135212.1611	1000 ml	6
135212.1612	2,5 l	4

Xylene, Substitute of

(see Isoparaffin H)

o-Xylene (Reag. USP, Ph. Eur.) PA

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 95-47-6 EINECS: 202-422-2 NC: 2902 41 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,882kg 1kg~1,134l

SPECIFICATIONS:

Minimum assay (G.C.) ..... 99,0 %
Identity ..... IR p/t.
Density at 20/4 0,880-0,884
Refractive index n 20/D 1,5040-1,5060

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter ..... 0,001 %
Benzene (G.C.) ..... 0,1 %
Ethylbenzene (G.C.) ..... 0,1 %
Toluene (G.C.) ..... 0,1 %
m-Xylene + p-Xylene (G.C.) ..... 0,5 %
Darkened substances by H_2SO_4 ..... p/t.
Sulphur compounds (as CS_2) ..... 0,0003 %
Acidity ..... 0,0002 meq/g
Alkalinity ..... 0,0002 meq/g
Water (H_2O) ..... 0,05 %
Thiophene (C_4H_4S) ..... 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,1	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
122767.1611	1000 ml	6

o-Xylene PRS

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 95-47-6 EINECS: 202-422-2 NC: 2902 41 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,882kg 1kg~1,134l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,880-0,884
Non-volatile matter	0,01 %
m-Xylene + p-Xylene (G.C.)	1 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H_2O)	0,05 %
Thiophene (C_4H_4S)	0,0005 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142767.1611	1000 ml	6

o-Xylene, 99% PS

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 95-47-6 EINECS: 202-422-2 NC: 2902 41 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,882kg 1kg~1,134l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,880-0,884
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
162767.1611	1000 ml	6
162767.1612	2,5 l	4
162767.0616	25 l	

m-Xylene (Reag. Ph. Eur.) PA

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 108-38-3 EINECS: 203-576-3 NC: 2902 42 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,867kg 1kg~1,153l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,864-0,870

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Benzene (G.C.)	0,05 %
Ethylbenzene (G.C.)	0,1 %
Toluene (G.C.)	0,05 %
o-Xylene (G.C.)	0,3 %
p-Xylene (G.C.)	0,2 %
Darkened substances by H_2SO_4	p/t.
Sulphur compounds (as CS_2)	0,0003 %
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,05 %
Thiophene (C_4H_4S)	0,0002 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
122768.1611	1000 ml	6

m-Xylene PRS

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 108-38-3 EINECS: 203-576-3 NC: 2902 42 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,867kg 1kg~1,153l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,864-0,870
Non-volatile matter	0,01 %
Ethylbenzene (G.C.)	0,2 %
Toluene (G.C.)	0,1 %
o-Xylene (G.C.)	0,5 %
p-Xylene (G.C.)	0,3 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H_2O)	0,05 %
Thiophene (C_4H_4S)	0,0005 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142768.1611	1000 ml	6

m-Xylene, 98,5% PS

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 108-38-3 EINECS: 203-576-3 NC: 2902 42 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,867kg 1kg~1,153l

SPECIFICATIONS:

Minimum assay (G.C.)	98,5 %
Identity	IR p/t.
Density at 20/4	0,864-0,870
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
162768.1611	1000 ml	6
162768.1612	2,5 l	4

p-Xylene (Reag. USP) PA

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 106-42-3 EINECS: 203-396-5 NC: 2902 43 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,862kg 1kg~1,16l

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,860-0,864
Refractive Index n^{20}/D	1,493-1,497

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Benzene (G.C.)	0,05 %
Ethylbenzene (G.C.)	0,1 %
Toluene (G.C.)	0,1 %
m-Xylene (G.C.)	0,2 %
o-Xylene (G.C.)	0,2 %
Darkened substances by H_2SO_4	p/t.
Sulphur compounds (as CS_2)	0,0003 %
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Water (H_2O)	0,05 %
Thiophene (C_4H_4S)	0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,1	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
122769.1611	1000 ml	6

p-Xylene PRS

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 106-42-3 EINECS: 203-396-5 NC: 2902 43 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,862kg 1kg~1,16l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,860-0,864
Non-volatile matter	0,01 %
Ethylbenzene (G.C.)	0,2 %
Toluene (G.C.)	0,2 %
m-Xylene (G.C.)	0,5 %
o-Xylene (G.C.)	0,5 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H_2O)	0,05 %
Thiophene (C_4H_4S)	0,0005 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142769.1611	1000 ml	6

p-Xylene, 99% PS

$C_6H_4(CH_3)_2$

M: 106,17 CAS: 106-42-3 EINECS: 203-396-5 NC: 2902 43 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning



H226-H332-H312-H315

1l~0,862kg 1kg~1,16l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	0,860-0,864
Water (H_2O)	0,05 %

Order code	Package	Units/Box st.
162769.1611	1000 ml	6
162769.1612	2,5 l	4
162769.0616	25 l	

3,5-Xylenol

(see 3,5-Dimethylphenol)

Xylenol Orange Tetrasodium Salt PA-ACS

for complexometry

$C_{31}H_{28}O_{13}N_2SNa_4$

M: 760,60 CAS: 3618-43-7 EINECS: 222-805-8 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	p/t.
Loss on drying at 110°C	7 %
Suitability as complexometric indicator	p/t.

Order code	Package	Units/Box st.
132617.1603	1 g	6
132617.1604	5 g	6

Xylol

(see Xylene, mixture of isomers)

D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX

$C_5H_{10}O_5$

M: 150,13 CAS: 58-86-6 EINECS: 200-400-7 NC: 2940 00 00

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t.
Specific rotation $[\alpha]^{20}/D$ c=10 (in H_2O) calc. a.d.s	+18,5 to+19,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	p/t.
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO_4)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t.
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
142080.1208	100 g	6
142080.1209	250 g	6

Yeast Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,0-8
Loss on drying at 105°C	10 %
Residue on ignition (as SO_4)	16 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403687.1210	500 g	6
403687.0914	5 kg	
403687.0416	25 kg	

Yellow Primary Solution (BP, Ph. Eur.) PA

for determination of the coloration grade in liquids.

NC: 3822 00 00

1l~1,030kg 1kg~0,971l

SPECIFICATIONS:

Assay (as $FeCl_3.6H_2O$)	44,95-45,05 g/l
ABS at λ 400 nm in H_2O	0,720-0,740

Order code	Package	Units/Box st.
125415.1208	100 ml	6

YTTERBIUM SOLUTIONS

(see Standards for ICP)

YTTRIUM SOLUTIONS

(see Standards for ICP)

N-Z-L-Alanine, 98% PS

$C_{11}H_{13}NO_4$

M: 223,22 CAS: 1142-20-7 EINECS: 214-532-8 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A375.1604	5 g	6
15A375.1606	25 g	6

N-α-Z-L-Arginine, 98% PS

$C_4H_{26}N_4O_4$

M: 308,33 CAS: 1234-35-1 EINECS: 214-973-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A553.1604	5 g	6
15A553.1606	25 g	6

N-Z-L-Aspartic Acid, 98% PS

$C_{12}H_{13}NO_6$

M: 267,23 CAS: 1152-61-0 EINECS: 214-568-4 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay	98 %

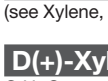
Order code	Package	Units/Box st.
15A555.1604	5 g	6
15A555.1606	25 g	6

Zeleny's Reagent RV

for determination of the sedimentation grade in wheat meal according to ISO 5529:1992(L(+)-Lactic Acid 4,5% v/v; 2-Propanol 20% v/v); Water)

NC: 3822 00 00

Signal Word: Warning



H319-H315

1l~0,985kg 1kg~1,015l

SPECIFICATIONS:

Concentration	0,50±0,005 mol/l
Density at 15/15	0,984-0,986

Order code	Package	Units/Box st.
286079.1211	1000 ml	6

Zenker's Fixing DC

for microscopy

NC: 3822 00 00 UN: 3287

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 611 CAO: 618

Signal Word: Danger



H311-H319-H315-H373-H350i-H340-H411

1l~1,065kg 1kg~0,939l

Composition:

Mercury(II) Chloride	5 g
Potassium Dichromate	2,5 g
Sodium Sulphate anhydrous	1 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
254990.1210	500 ml	6

N-Z-L-Glutamic Acid, 98% PS

$C_{13}H_{15}NO_6$

M: 281,26 CAS: 1155-62-0 EINECS: 214-584-1 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A556.1604	5 g	6
15A556.1606	25 g	6

Zinc metal, powder PRS

Zn

M: 65,38 CAS: 7440-66-6 EINECS: 231-175-3 NC: 7903 90 00 UN: 1436

IMDG: 4.3/III ADR: 4.3/III IATA: 4.3/III PAX: 419 CAO: 420

Signal Word: Danger



H228-H260-H410

SPECIFICATIONS:

Assay (Compl.)	96 %
Insoluble matter in HCl	0,05 %
Nitrogen compounds (as N)	0,01 %
As	0,00001 %
Cd	0,05 %
Fe	0,005 %
Pb	0,01 %

Order code	Package	Units/Box st.
141783.1610	500 g	6
141783.1611	1000 g	6
141783.1214	5 kg	6
141783.0416	25 kg	

ZINC SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Zinc Acetate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS

$Zn(CH_3COO)_2.2H_2O$

M: 219,49 CAS: 5970-45-6 EINECS: 209-170-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	99,5-101,0 %
pH of 5% solution	6,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Alkali and alkaline-earth salts	0,1 %
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,0005 %
Nitrate (NO_3)	0,005 %
Sulphate (SO_4)	0,002 %
As	0,00005 %
Ca	0,005 %
Cd	0,001 %
Cu	0,001 %
Fe	0,0005 %
K	0,01 %
Mg	0,005 %
Mn	0,001 %
Na	0,01 %
Pb	0,001 %

Order code	Package	Units/Box st.
131775.1210	500 g	6
131775.1211	1000 g	6
131775.1214	5 kg	4
131775.0416	25 kg	

Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$Zn(CH_3COO)_2.2H_2O$

M: 219,49 CAS: 5970-45-6 EINECS: 209-170-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	99,0-101,0%
Identity according to Pharmacopoieas	p/t.
pH of 5% solution	6,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H_2O	0,005 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,010 %
Alkali and alkaline-earth salts	0,2 %
Reducing substances	p/t.
Al	0,0005 %
As	0,0002 %
Ca	0,03 %
Cd	0,0002 %
Cu	0,005 %
Fe	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141775.1210	500 g	6
141775.1211	1000 g	6
141775.1214	5 kg	4
141775.0416	25 kg	

Zinc Bromide, 98% PS

$ZnBr_2$

M: 225,19 CAS: 7699-45-8 EINECS: 231-718-4 NC: 2827 59 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay	98 %

Order code	Package	Units/Box st.
15A887.1608	100 g	6
15A887.1610	500 g	6

Zinc Carbonate Basic

(see Zinc Hydroxide Carbonate)

Zinc Chloride PA-ACS

$ZnCl_2$

M: 136,28 CAS: 7646-85-7 EINECS: 231-592-0 NC: 2827 39 85 UN: 2331

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H410

SPECIFICATIONS:

Minimum assay (Arg.)	97,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,005 %
Oxychloride	p/t.
Nitrate (NO_3)	0,003 %
Sulphate (SO_4)	0,01 %
Ammonium (NH_4)	0,005 %
Ca	0,06 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,001 %
K	0,02 %
Mg	0,005 %
Mn	0,001 %
Na	0,05 %
Ni	0,0005 %
Pb	0,001 %

Order code	Package	Units/Box st.
131779.1210	500 g	6
131779.1211	1000 g	6
131779.1214	5 kg	4

Zinc Chloride PRS

$ZnCl_2$

M: 136,28 CAS: 7646-85-7 EINECS: 231-592-0 NC: 2827 39 85 UN: 2331
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H302-H314-H410

SPECIFICATIONS:

Assay (Compl.)	97 %
Insoluble matter in HCl	0,05 %
Sulphate (SO_4)	0,05 %
Fe	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141779.1210	500 g P	6
141779.1211	1000 g P	6
141779.1214	5 kg P	4

Zinc Cyanide PRS

$Zn(CN)_2$

M: 117,42 CAS: 557-21-1 EINECS: 209-162-9 NC: 2837 19 00 UN: 1713
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607
Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Sulphate (SO_4)	0,1 %
Fe	0,005 %

Order code	Package	Units/Box st.
141778.1209	250 g P	6
141778.1214	5 kg P	
141778.0716	25 kg P	

Zinc Hydroxide Carbonate QP

$2ZnCO_3.3Zn(OH)_2$

M: 549,02 CAS: 5263-02-5 EINECS: 226-076-7 NC: 2836 99 17

SPECIFICATIONS:

Assay (as Zn)(Compl.)	48 %
Insoluble matter in H_2SO_4	0,05 %
Chloride (Cl)	0,01 %
Nitrate (NO_3)	0,01 %
Sulphate (SO_4)	0,05 %
As	0,0003 %
Fe	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
211777.1210	500 g P	6
211777.1211	1000 g P	6
211777.0914	5 kg PP	
211777.0416	25 kg	

Zinc Nitrate 6-hydrate PA

$Zn(NO_3)_2.6H_2O$

M: 297,47 CAS: 10196-18-6 EINECS: 231-943-8 NC: 2834 29 80 UN: 1514
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H302-H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Alkali and alkaline-earth salts	0,25 %
Chloride (Cl)	0,002 %
Sulphate (SO_4)	0,01 %
Ammonia (NH_3)	0,01 %
Ca	0,001 %
Cu	0,0005 %
Fe	0,001 %
Mg	0,002 %
Ni	0,0005 %
Pb	0,005 %

Order code	Package	Units/Box st.
121784.1210	500 g P	6
121784.1211	1000 g P	6
121784.1214	5 kg P	4

Zinc Nitrate 6-hydrate PRS

$Zn(NO_3)_2.6H_2O$

M: 297,47 CAS: 10196-18-6 EINECS: 231-943-8 NC: 2834 29 80 UN: 1514
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H302-H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	98-102 %
Insoluble matter in H_2O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO_4)	0,03 %
Ammonia (NH_3)	0,05 %
Cu	0,002 %
Fe	0,003 %
Ni	0,002 %
Pb	0,01 %

Order code	Package	Units/Box st.
141784.1210	500 g P	6
141784.1211	1000 g P	6
141784.1214	5 kg P	4
141784.0416	25 kg PP	

Zincon PA

for photometric determination of Copper and Zinc
$C_{20}H_{15}N_4NaO_6S.H_2O$

M: 480,43 CAS: 62625-22-3 EINECS: 263-651-1 NC: 2928 00 90

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in NaOH 0,001 mol/l	490-495 nm
A 1%, 1 cm, λmax	>375
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C	10 %
Sensitivity as complexometric indicator.	p/t.

Order code	Package	Units/Box st.
122667.1603	1 g	6
122667.1604	5 g	6

Zinc Oxide EQP-ACS

Primary Chemical Matter
ZnO

M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H410

SPECIFICATIONS:

Assay (Compl.) after drying at 130°C	99,95-100,05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4	0,01 %
Alkalinity	p/t.
Sulphur compounds (as SO_4)	0,01 %
Chloride (Cl)	0,001 %
Nitrate (NO_3)	0,002 %
As	0,0001 %
Ca	0,005 %
Cd	0,002 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,005 %

Order code	Package	Units/Box st.
241786.1521	10 x 1,5 g	6
241786.1608	100 g	6

Zinc Oxide PA-ACS

ZnO

M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H410

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 ..... 0,01 %
Alkalinity ..... p/t.
Sulphur compounds (as SO_4) ..... 0,01 %
Chloride (Cl) ..... 0,001 %
Nitrate (NO_3) ..... 0,002 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,002 %
Co ..... 0,0005 %
Cu ..... 0,0005 %
Fe ..... 0,0005 %
K ..... 0,005 %
Mg ..... 0,005 %
Mn ..... 0,0005 %
Na ..... 0,005 %
Ni ..... 0,0005 %
Pb ..... 0,005 %

Order code	Package	Units/Box st.
131786.1210	500 g P	6
131786.1211	1000 g P	6
131786.0914	5 kg PP	
131786.0416	25 kg PP	

Zinc Oxide PRS

ZnO

M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H410

SPECIFICATIONS:

Assay (Compl.) ..... 98 %
Insoluble matter in H_2SO_4 ..... 0,05 %
Sulphur compounds (as SO_4) ..... 0,05 %
Chloride (Cl) ..... 0,005 %
As ..... 0,0005 %
Ca ..... 0,1 %
Cu ..... 0,01 %
Fe ..... 0,003 %
Mg ..... 0,1 %
Ni ..... 0,01 %
Pb ..... 0,01 %

Order code	Package	Units/Box st.
141786.1210	500 g P	6
141786.1211	1000 g P	6
141786.0914	5 kg PP	
141786.0416	25 kg PP	

Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX

ZnO

M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H410

SPECIFICATIONS:

Assay (Compl.) (calc. a.i.s.) ..... 99,0-100,5 %
Identity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 500°C ..... 1,0 %
Residual solvents (Ph.Eur./USP) ..... p/t.
Alkalinity ..... p/t.
Carbonate and insoluble substances in acid ..... p/t.
Iron and other heavy metals ..... p/t.
As ..... 0,0005 %
Cd ..... 0,0010 %
Fe ..... 0,02 %
Pb ..... 0,0050 %

Order code	Package	Units/Box st.
191786.1210	500 g P	6
191786.1211	1000 g P	6
191786.0914	5 kg PP	
191786.0416	25 kg PP	

Zinc Oxide (F.C.C.) ADITIO

ZnO

M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning



H410

SPECIFICATIONS:

Assay (as ZnO) after ignition, not less than ..... 99,0 %
Alkalinity ..... p/t.
Cadmium, not more than ..... 3 ppm
Lead, not more than ..... 10 ppm
Loss on ignition, not more than ..... 1,0 %
Substances not precipitated by sulphide, not more than ..... 0,5 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201786.0416	25 kg PP	

Zinc Phenolsulphonate 8-hydrate PRS

$C_{12}H_{10}O_8S_2Zn.8H_2O$

M: 555,83 CAS: 127-82-2 EINECS: 204-867-8 NC: 2908 99 10
Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.) ..... 99-103 %
pH of 5% solution ..... ≥4,0
Insoluble matter in H_2O ..... 0,025 %
Chloride (Cl) ..... 0,01 %
Sulphate (SO_4) ..... 0,025 %

Order code	Package	Units/Box st.
141781.1211	1000 g P	6
141781.0914	5 kg PP	

Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_{36}H_{70}O_4Zn$

M: 632,33 CAS: 557-05-1 EINECS: 209-151-9 NC: 2915 70 30

SPECIFICATIONS:

Assay (as Zn) (Compl.) 10,0-12,0%
Assay (as ZnO) (Compl.) 12,5-14,0%
Indentity according to Pharmacopoeias ..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Appearance of solut. of the fatty acids. ..... p/t.
Acidity or alkalinity ..... p/t.
Acid value of the fatty acids 195-210
Residual solvents (Ph.Eur./USP) ..... p/t
Chloride (Cl) ..... 0,025 %
Sulphate (SO_4) ..... 0,6 %
Alkalis and alkaline earths salts ..... 1,0 %
As ..... 0,00015 %
Ca ..... 0,01 %
Cd ..... 0,0005 %
K ..... 0,01 %
Mg ..... 0,01 %
Na ..... 0,01 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141895.1211	1000 g P	6
141895.0914	5 kg PP	

Zinc Stearate QP

$C_{36}H_{70}O_4Zn$

M: 632,33 CAS: 557-05-1 EINECS: 209-151-9 NC: 2915 70 30

SPECIFICATIONS:

Assay (as ZnO)(Compl.) ..... 12-15 %
Alkali and alkaline-earth salts ..... 1,5 %
As ..... 0,00015 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
211895.1211	1000 g P	6
211895.0914	5 kg PP	
211895.0416	25 kg	

Zinc Sulphate 1-hydrate PA

$ZnSO_4.H_2O$

M: 179,45 CAS: 7446-19-7 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Minimum assay (Compl.) ..... 99 %
pH of 5% solution 5,0-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,01 %
Chloride (Cl) ..... 0,002 %
Nitrogen compounds (as N) ..... 0,005 %
As ..... 0,0001 %
Ca ..... 0,005 %
Cd ..... 0,001 %
Co ..... 0,001 %
Cu ..... 0,001 %
Fe ..... 0,001 %
K ..... 0,01 %
Mg ..... 0,005 %
Mn ..... 0,001 %
Na ..... 0,01 %
Ni ..... 0,001 %
Pb ..... 0,006 %

Order code	Package	Units/Box st.
121788.1210	500 g	6
121788.1211	1000 g	6
121788.1214	5 kg	4

Zinc Sulphate 1-hydrate (USP, Ph. Eur., BP) PRS-CODEX

$ZnSO_4.H_2O$

M: 179,45 CAS: 7446-19-7 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (Compl.) 99,0-100,5%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 4,0-5,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t.
Acidity ..... p/t.
Alkalis and alkaline-earths ..... 0,9 %
Chloride (Cl) ..... 0,03 %
As ..... 0,0001 %
Fe ..... 0,01 %
Pb ..... 0,002 %

Order code	Package	Units/Box st.
141788.1210	500 g	6
141788.1211	1000 g	6
141788.1214	5 kg	4
141788.0416	25 kg	

Zinc Sulphate 1-hydrate (F.C.C.) ADITIO

$ZnSO_4.H_2O$

M: 179,45 CAS: 7446-19-7 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (as $ZnSO_4.H_2O$) 98,0-100,5%
Appearance ..... p/t
Identity:
Sulphate ..... p/t.
Zinc ..... p/t.
Acidity ..... p/t.
Alkalis and alkaline-earths, not more than ..... 0,5 %
Cadmium, not more than ..... 2 ppm
Lead, not more than ..... 4 ppm
Mercury, not more than ..... 5 ppm
Selenium, not more than ..... 0,003 %
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201788.1214	5 kg	4
201788.0416	25 kg	

Zinc Sulphate 7-hydrate PA-ACS

$ZnSO_4.7H_2O$

M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (Compl.) 99,5-103,0%
pH of 5% solution 4,4-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O ..... 0,005 %
Chloride (Cl) ..... 0,0005 %
Nitrogen compounds (as N) ..... 0,0005 %
As ..... 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Al	5	Cu	5	Na	50
Bi	5	Fe	5	Ni	5
Ca	10	Hg	5	Pb	20
Cd	10	K	50	Sr	5
Co	5	Mg	10		
Cr	5	Mn	3		

Order code	Package	Units/Box st.
131787.1210	500 g	6
131787.1211	1000 g	6
131787.1214	5 kg	4
131787.0416	25 kg	

Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$ZnSO_4.7H_2O$

M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (Compl.) 99,0-104,0%
Identity according to Pharmacopoeias ..... p/t.
pH of 5% solution 4,4-5,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution ..... p/t.
Residual solvents (Ph.Eur./USP) ..... p/t
Acidity ..... p/t.
Chloride (Cl) ..... 0,03 %
Nitrogen compounds (as N) ..... 0,005 %
Alkalis and alkaline-earths ..... 0,5 %
As ..... 0,0001 %
Ca ..... 0,02 %
Fe ..... 0,005 %
Pb ..... 0,001 %

Order code	Package	Units/Box st.
141787.1210	500 g	6
141787.1211	1000 g	6
141787.1214	5 kg	4
141787.0416	25 kg	

Zinc Sulphate 7-hydrate (F.C.C.) ADITIO

$ZnSO_4.7H_2O$

M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (as $ZnSO_4.7H_2O$) 99,0-108,7%
Appearance ..... p/t
Identity:
Sulphate ..... p/t.
Zinc ..... p/t.
Acidity ..... p/t.
Alkalis and alkaline-earths, not more than ..... 0,5 %
Cadmium, not more than ..... 2 ppm
Lead, not more than ..... 4 ppm
Mercury, not more than ..... 5 ppm
Selenium, not more than ..... 0,003 %
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201787.1214	5 kg	4
201787.0416	25 kg	

ZINC SULPHATE VOLUMETRIC SOLUTIONS

Zinc Sulphate 0,05 mol/l (0,05M) SV

Indicator: Eriochrome Black T
$ZnSO_4.7H_2O$
M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20
CE: 030-006-00-9
1l~1,007kg 1kg~0,993l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
182163.1211	1000 ml (P)	6

Zinc Sulphate 0,1 mol/l (0,1M) SV

Indicator: Eriochrome Black T
$ZnSO_4.7H_2O$
M: 287,540 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20
CE: 030-006-00-9
1l~1,013kg 1kg~0,987l
SPECIFICATIONS:
Titer .....1,000±0,001

Order code	Package	Units/Box st.
181789.1211	1000 ml (P)	6

Zinc Sulphide QP

ZnS
M: 97,43 CAS: 1314-98-3 EINECS: 215-251-3 NC: 2830 90 85
SPECIFICATIONS:
Minimum assay ..... 97 %

Order code	Package	Units/Box st.
213041.1209	250 g (P)	6
213041.1211	1000 g (P)	6

Zinc Sulphophenate

(see Zinc Phenolsulphonate 8-hydrate)

ZIRCONIUM SOLUTIONS

(see Standards for ICP)

Z-D-N-MeLeu-OH

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Z-ONSu

(see N-(Benzyloxycarbonyloxy) Succinimide)

Z-OSu

(see N-(Benzyloxycarbonyloxy) Succinimide)

N-Z-L-Phenylalanine, 98% PS

$C_{17}H_{17}NO_4$
M: 299,32 CAS: 1161-13-3 EINECS: 214-599-3 NC: 2922 49 95
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A563.1606	25 g	6

N-Z-L-Proline, 98% PS

M: 249,26 CAS: 1148-11-4 EINECS: 214-557-4 NC: 2922 49 95
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A564.1605	10 g	6

N-α-Z-L-Tryptophan, 98% PS

M: 338,36 CAS: 7432-21-5 EINECS: 231-074-4 NC: 2922 49 95
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A567.1604	5 g	6
15A567.1606	25 g	6

N-Z-L-Tyrosine hydrate, 98% PS

$C_{17}H_{17}NO_4.xH_2O$
M: 315,33 CAS: 1164-16-5 EINECS: 214-609-6 NC: 2922 49 95
SPECIFICATIONS:
Minimum assay ..... 98 %

Order code	Package	Units/Box st.
15A568.1604	5 g	6
15A568.1606	25 g	6

N-Z-L-Valine, 99% PS

$C_{13}H_{17}NO_4$
M: 251,28 CAS: 1149-26-4 EINECS: 214-562-1 NC: 2922 49 95
SPECIFICATIONS:
Assay ..... 99 %
Identity ..... IR p/t.
Melting range ..... 58-62°C

Order code	Package	Units/Box st.
15A469.1604	5 g	6
15A469.1606	25 g	6

Z-Val-OH

(see N-Z-L-Valine)

Cultimed

MICROBIOLOGY

Panreac

INGREDIENTS

Agar, Bacteriological American Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range 1,5% ..... 32-38°C
Melting range 1,5% gel ..... 80-95°C
Gel strength 1,5% (Nikan's Method) ..... 600-850 g/cm²
pH in gel 1,5% 6-7

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 20 %
Residue on ignition (as SO_4) ..... 6 %

Order code	Package	Units/Box st.
402303.1210	500 g P	6
402303.0914	5 kg PP	
402303.0416	25 kg	

Agar, Bacteriological European Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range of 1,5% solution ..... 32-39,5°C
Melting range of 1,5% solution ..... 80-90°C
Gel strength of 1,5 % solution (Nikan's Method) ..... 800-1100 g/cm²
pH in gel of 1,5% solution 6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 5 %

Order code	Package	Units/Box st.
402302.1210	500 g P	6
402302.0914	5 kg PP	
402302.0416	25 kg PP	

Agar, Purified (Ingredient) CULTIMED

for inmunodiffusion, electrophoresis and cell culture

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Melting range 1,5% gel ..... 80-95°C
Gel strength 1,5% (Nikan's Method) ..... 700-1200 g/cm²
pH in gel 1,5% 5,5-7,4
Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 5 %

Order code	Package	Units/Box st.
403904.1210	500 g P	6
403904.0914	5 kg PP	
403904.0416	25 kg	

Agar, Technical (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gel strength 1,5% (Nikan's Method) ..... 700-1100 g/cm²
pH in gel 1,5% 6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C ..... 20 %
Residue on ignition (as SO_4) ..... 5 %

Order code	Package	Units/Box st.
401792.1210	500 g P	6
401792.0914	5 kg PP	
401792.0416	25 kg	

Bile Salts n° 3 (Ingredient) CULTIMED

Product used to estimulate the growth of enteric bacteria.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 7,5-9,5
Loss on drying at 105°C ..... 5 %
Insoluble matter in H_2O ..... p/t.

Order code	Package	Units/Box st.
403896.1210	500 g P	6
403896.0914	5 kg PP	
403896.0416	25 kg PP	

Casein Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 7 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403898.1210	500 g P	6
403898.0914	5 kg PP	
403898.0416	25 kg PP	

Casein Peptone Hydrolyzed (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 5 %
Residue on ignition (as SO_4) ..... 45 %
Total Nitrogen ..... ≥5 %

Order code	Package	Units/Box st.
403691.1210	500 g P	6
403691.0914	5 kg PP	
403691.0416	25 kg PP	

Gelatine, Bacteriological (Ingredient) CULTIMED

Demonstration of proteoytic microorganisms.

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

pH of 2% solution 4,0-7,5
Loss on drying ..... 13 %
Residue on ignition ..... 1 %

Order code	Package	Units/Box st.
403902.1210	500 g P	6

Gelatine Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6-7,5
Loss on drying at 105°C ..... 10 %
Residuo de calcinación (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403686.1210	500 g P	6
403686.0914	5 kg PP	
403686.0416	25 kg PP	

Hemoglobine (Additive) CULTIMED

Enrichment additive for the isolation of some fastidious microorganisms.

NC: 3002 10 91

SPECIFICATIONS:

pH of 5% solution 7,5-8,5
Loss on drying at 105°C ..... 5 %
Insoluble matter in H_2O ..... p/t.
Salmonella ..... Absence/10 g

Order code	Package	Units/Box st.
402876.1210	500 g P	6
402876.0914	5 kg PP	
402876.0416	25 kg PP	

Malt Extract (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds

NC: 3504 00 00

SPECIFICATIONS:

pH of 5% solution 4,5-6,0
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 4 %

Order code	Package	Units/Box st.
403690.1210	500 g P	6
403690.0914	5 kg PP	
403690.0416	25 kg	

Meat Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 16 %
Nitrogen, total ..... ≥10 %

Order code	Package	Units/Box st.
403692.1210	500 g P	6
403692.0914	5 kg PP	
403692.0416	25 kg PP	

Meat Peptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403683.1210	500 g P	6
403683.0914	5 kg PP	
403683.0416	25 kg PP	

Mycological Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
404140.1210	500 g P	6
404140.0914	5 kg PP	
404140.0416	25 kg PP	

Ox Bile (Ingredient) CULTIMED

Product used to estimulate the growth of enteric bacteria.

NC: 0510 00 00

SPECIFICATIONS:

pH of 2% solution 6,0-8,5
Loss on drying at 105°C ..... 6 %
Cholic Acid ..... ≥40 %

Order code	Package	Units/Box st.
403685.1210	500 g P	6
403685.0914	5 kg PP	
403685.0416	25 kg PP	

Peptone, Bacteriological (Ingredient) CULTIMED

Product used in bacteriological culture media.

EINECS: 293-428-4 NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥12 %

Order code	Package	Units/Box st.
403695.1210	500 g P	6
403695.0914	5 kg PP	
403695.0416	25 kg PP	

Potato Starch (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 5-8
Loss on drying at 105°C ..... 20 %
Residue on ignition (as SO_4) ..... 1 %
Total Nitrogen ..... 0,017 %

Order code	Package	Units/Box st.
404148.1210	500 g P	6
404148.0914	5 kg PP	
404148.0416	25 kg	

Proteose Peptone (Ingredient) CULTIMED

Ingredient of a high nutritive value for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 12 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403901.1210	500 g P	6
403901.0914	5 kg PP	
403901.0416	25 kg PP	

Proteose Peptone n° 3 (Ingredient) CULTIMED

Nutrient for fastidious microorganisms cultivation

NC: 3504 00 00

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403939.1210	500 g P	6
403939.0914	5 kg PP	
403939.0416	25 kg PP	

Soy Peptone (Ingredient) CULTIMED

Nutritional ingredient for preparing culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 8 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥7 %

Order code	Package	Units/Box st.
403684.1210	500 g P	6
403684.0914	5 kg PP	
403684.0416	25 kg PP	

Tryptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 15 %
Nitrogen, total ..... ≥5 %

Order code	Package	Units/Box st.
403682.1210	500 g P	6
403682.0914	5 kg PP	
403682.0416	25 kg PP	

Tryptose (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
Loss on drying at 105°C ..... 6 %
Residue on ignition (as SO_4) ..... 15 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403903.1210	500 g P	6
403903.0914	5 kg PP	
403903.0416	25 kg PP	

Yeast Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,0-8
Loss on drying at 105°C ..... 10 %
Residue on ignition (as SO_4) ..... 16 %
Total Nitrogen ..... ≥10 %

Order code	Package	Units/Box st.
403687.1210	500 g P	6
403687.0914	5 kg PP	
403687.0416	25 kg PP	

DEHYDRATED CULTURE MEDIA AND SUPPLEMENTS

(See also Prepared Media)

Acetamide Broth (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Culture media for the confirmation of Pseudomona aeruginosa according to UNE-EN 12780-2002

NC: 3821 00 00

Signal Word: Warning



H351

Composition (g/l):
Potassium di-Hydrogen Phosphate 1,0
Magnesium Sulphate 0,2
Acetamide 2,0
Sodium Chloride 0,2
pH: 7,0±0,5 .....

Order code	Package	Units/Box st.
416259.1210	500 g P	6

Amies Transport Medium without Charcoal (Dehydrated Culture Media) CULTIMED

Culture media for the transport of samples to prolong the survival of microorganisms.

NC: 3821 00 00

Composition (g/l):
Calcium Chloride 0,1
Magnesium Chloride 0,1
Potassium Chloride 0,2
Potassium di-Hydrogen Phosphate 0,2
Sodium Chloride 3,0
di-Sodium Hydrogen Phosphate 1,1
Sodium Thioglycollate 1,0
Agar 7,5
pH: 7,3±0,2

Order code	Package	Units/Box st.
413734.1210	500 g P	6
413734.0914	5 kg PP	

Anaerobic (MIC), Broth

(see Wilkins-Chalgren Broth)

Antibiotic Medium nº 1 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing.

NC: 3821 00 00

Composition (g/l):

Meat Extract	1,5
Yeast Extract	3,0
D(+)-Glucose	1,0
Casein Peptone	4,0
Gelatine Peptone	6,0
Agar	15,0

pH: 6,6±0,2

Order code	Package	Units/Box st.
413735.1210	500 g	6
413735.0914	5 kg	

Antibiotic Medium nº 2 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for use a base layer in antibiotic assay testing.

NC: 3821 00 00

Composition (g/l):

Meat Extract	1,5
Yeast Extract	3,0
Gelatine Peptone	6,0
Agar	15,0

pH: 6,6±0,2

Order code	Package	Units/Box st.
413736.1210	500 g	6
413736.0914	5 kg	

Antibiotic Medium nº 3 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used in the turbidimetric assay of penicillin and tetracycline.

NC: 3821 00 00

Composition (g/l):

Meat Extract	1,5
Yeast Extract	1,5
D(+)-Glucose	1,0
Gelatine Peptone	5,0
Potassium di-Hidrogen Phosphate	1,32
di-Potassium Hidrogen Phosphate	3,68
Sodium Chloride	3,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
413737.1210	500 g	6
413737.0914	5 kg	

Antibiotic Medium nº 5 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used for the streptomycin assay.

NC: 3821 00 00

Composition (g/l):

Meat Extract	1,5
Yeast Extract	3,0
Gelatine Peptone	6,0
Agar	15,0

pH: 7,9±0,2

Order code	Package	Units/Box st.
413738.1210	500 g	6
413738.0914	5 kg	

Antibiotic Medium nº 8 (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used in the assay of tetracycline, vancomycin, mitomycin and mithramycin.

NC: 3821 00 00

Composition (g/l):

Meat Extract	1,5
Yeast Extract	3,0
Gelatine Peptone	6,0
Agar	15,0

pH: 5,7±0,2

Order code	Package	Units/Box st.
413739.1210	500 g	6
413739.0914	5 kg	

Antibiotic Medium nº 11 (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used in the assay of amoxicillin, ampicillin, erythromycin, gentamycin, among others.

NC: 3821 00 00

Composition (g/l):

Meat Extract	1,5
Yeast Extract	3,0
D(+)-Glucose	1,0
Casein Peptone	4,0
Gelatine Peptone	6,0
Agar	15,0

pH: 7,9±0,2

Order code	Package	Units/Box st.
413740.1210	500 g	6
413740.0914	5 kg	

Bacillus Cereus according to Mossel Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the isolation and enumeration of Bacillus cereus according Mossel

NC: 3821 00 00

Composition (g/l):

Phenol Red	0,025
D(-)-Mannitol	10,0
Meat Peptone	10,0
Meat Extract	1,0
Sodium Chloride	10,0
Agar	12,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
416271.1210	500 g	6

Bacillus Cereus Selective Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the isolation and enumeration of Bacillus cereus.

NC: 3821 00 00

Composition (g/l):

Tartaric Acid	0,15
Bromothymol Blue	0,12
Magnesium Sulphate	0,1
D(-)-Mannitol	10,0
Casein Peptone	1,0
Potassium di-Hydrogen Phosphate	0,2
Sodium Chloride	2,0
di-Sodium Hydrogen Phosphate	2,5
Sodium Pyruvate	10,0
Agar	14,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
414119.1210	500 g	6
414119.0914	5 kg	

Baird-Parker Agar Base (Dehydrated Culture Media) CULTIMED

Culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Meat Extract	5,0
Yeast Extract	1,0
Glycine	12,0
Lithium Chloride	5,0
Pancreatic Digest of Casein	10,0
Sodium Pyruvate	10,0
Agar	20,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413744.1208	100 g	6
413744.1210	500 g	6
413744.0914	5 kg	

BCYE Supplement (Additive) CULTIMED

Aditive used for legionella detection

NC: 3821 00 00

Composition (per vial):

L-Cysteine	40 mg
Ferric Pyrophosphate	25 mg
ACES	1 g
Potassium Hydroxide	200 mg
α-Ketoglutarate	0,1 g

Order code	Package	Units/Box st.
416273.02132	10 vials	6

BiGGY, Agar

(see Nickerson Medium)

Bile Esculin Agar (Dehydrated Culture Media) CULTIMED

Culture media for isolation and presumptive identification of Enterococci.

NC: 3821 00 00

Composition (g/l):

Ox Bile	40,0
Esculin	1,0
Meat Extract	3,0
Iron(III) Citrate	0,5
Bacteriological Peptone	5,0
Agar	15,0

pH: 6,6±0,2

Order code	Package	Units/Box st.
413835.1210	500 g (P)	6
413835.0914	5 kg (PP)	

Bile Esculin Azide Agar (ISO 7899-2:2000) (Dehydrated Culture Media) CULTIMED

Culture media for presumptive identification of Enterococci acoording ISO 7899-2:2000

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):

Ox Bile	10,0
Esculin	1,0
Sodium Azide	0,15
Yeast Extract	5,0
Iron(III) Citrate	0,5
Peptone	3,0
Sodium Chloride	5,0
Tryptone	17,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
415523.1210	500 g (P)	6

Bile Tetrathionate-Brilliant Green Broth (Dehydrated Culture Media) CULTIMED

Culture media for the selective enrichment of Salmonella species.

NC: 3821 00 00

Composition (g/l):

Dried Ox Bile	8,0
Potassium Tetrathionate	20,0
Brilliant Green	0,07
Calcium Carbonate	20,0
Meat Peptone	8,6
Sodium Chloride	6,4

pH: 7,0±0,2

Order code	Package	Units/Box st.
414654.1208	100 g (P)	6
414654.1210	500 g (P)	6
414654.0914	5 kg (PP)	

Bismuth Sulphite Agar (Dehydrated Culture Media) CULTIMED

Media for the isolation and identification of Salmonella.

NC: 3821 00 00

Composition (g/l):

Bismuth-Sulphite Indicator	8,0
Meat Extract	5,0
D(+)-Glucose	5,0
Iron(II) Sulphate	0,3
Bacteriological Peptone	10,0
di-Sodium Hydrogen Phosphate	4,0
Brilliant Green	0,025
Agar	20,0

pH: 7,5±0,2

Order code	Package	Units/Box st.
413749.1210	500 g (P)	6
413749.0914	5 kg (PP)	

Blood Agar Base (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Heart Infusion (from 375 g)	10,0
Meat Peptone	10,0
Sodium Chloride	5,0
Agar	15,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413806.1210	500 g (P)	6
413806.0914	5 kg (PP)	

Blood Azide Agar Base (Dehydrated Culture Media) CULTIMED

Media for the isolation of Streptococci and Staphylococci.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Sodium Azide	0,2
Meat Extract	3,0
Peptones	10,0
Sodium Chloride	5,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413741.1210	500 g (P)	6
413741.0914	5 kg (PP)	

Bordet Gengou Agar Base (Dehydrated Culture Media) CULTIMED

Media for the detection and isolation of Bordetella pertussis and Bordetella parapertussis.

NC: 3821 00 00

Composition (g/l):

Potato Infusion	4,5
Proteose Peptone	10,0
Sodium Chloride	5,5
Agar	16,0

pH: 6,7±0,2

Order code	Package	Units/Box st.
413750.1210	500 g (P)	6
413750.0914	5 kg (PP)	

Brain Heart Infusion (BHI) (Dehydrated Culture Media) CULTIMED

Culture media for fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Calf Brain Infusion	7,5
Meat Heart Infusion	10,0
D(+)-Glucose	2,0
Gelatine Peptone	10,0
Sodium Chloride	5,0
di-Sodium Hydrogen Phosphate	2,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
413777.1210	500 g (P)	6
413777.0914	5 kg (PP)	

Brain Heart Infusion Agar (BHI) (Dehydrated Culture Media) CULTIMED

Culture media for fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Calf Brain Infusion	7,5
Meat Heart Infusion	10,0
D(+)-Glucose	2,0
Peptone Mixture	10,0
di-Potassium Hydrogen Phosphate	2,5
Sodium Chloride	5,0
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413772.1210	500 g (P)	6
413772.0914	5 kg (PP)	

Brilliant Green Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Salmonella.

NC: 3821 00 00

Composition (g/l):

Brilliant Green	0,0125
Yeast Extract	3,0
Lactose	10,0
Peptones (meat and casein)	10,0
Phenol Red	0,08
Saccharose	10,0
Sodium Chloride	5,0
Agar	20,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
413823.1210	500 g (P)	6
413823.0914	5 kg (PP)	

Brilliant Green Bile Agar (Dehydrated Culture Media) CULTIMED

Culture media for the detection of coliform bacteria.

NC: 3821 00 00

Composition (g/l):

Ox Bile	0,00295
Brilliant Green	0,0000295
Erioglaucine	0,0649
Basic Fuchsin	0,0776
Iron(III) Chloride	0,0295
Lactose	1,9
Gelatine Peptone	8,25
Potassium di-Hydrogen Phosphate	0,0153
Sodium Sulphite	0,205
Agar	10,15

pH: 6,9±0,2

Order code	Package	Units/Box st.
413747.1210	500 g (P)	6
413747.0914	5 kg (PP)	

Brilliant Green Bile 2% Broth (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00

Composition (g/l):

Ox Bile, Dehydrated	20,0
Brilliant Green	0,0133
Lactose	10,0
Gelatine Peptone	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413748.1208	100 g (P)	6
413748.1210	500 g (P)	6
413748.0914	5 kg (PP)	

Brucella Agar Base (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Brucella species and other fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	2,0
D(+)-Glucose	1,0
Meat Peptone	10,0
Casein Peptone	10,0
Sodium Chloride	5,0
Sodium Hydrogen Sulphite	0,1
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413837.1210	500 g (P)	6
413837.0914	5 kg (PP)	

Buffered Peptone Water (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED

Diluent agent to homogenize samples in foodstuffs.

NC: 3821 00 00

Composition (g/l):

Pancreatic Digest of Casein	10,0
Potassium di-Hydrogen Phosphate	1,5
Sodium Chloride	5,0
di-Sodium Hydrogen Phosphate	3,5[1]

pH: 7,0±0,2

[1]is equivalent to di-Sodium Hydrogen Phosphate 12-hydrate 9,0

Order code	Package	Units/Box st.
413795.1210	500 g (P)	6
413795.0914	5 kg (PP)	

Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Diluent agent for the homogenization of samples.

NC: 3504 00 90

Composition (g/l):

Pancreatic Digest of Casein	1,00
Potassium di-Hydrogen Phosphate	3,60
Sodium Chloride	4,30
di-Sodium Hydrogen Phosphate 2-hydrate	7,20

pH: 7,0±0,2

Order code	Package	Units/Box st.
414944.1210	500 g (P)	6
414944.0914	5 kg (PP)	

Calcium Caseinate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the count and research of proteolytic microorganisms.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride	0,05
Calcium Hydroxide	0,15
Casein (Hammarsten)	2,5
Meat Extract	3,0
Meat Peptone	5,0
Sodium Chloride	5,0
Agar	13,5

pH: 7,2±0,2

Order code	Package	Units/Box st.
413830.1210	500 g (P)	6
413830.0914	5 kg (PP)	

Cary-Blair Transport Medium (Dehydrated Culture Media) CULTIMED

Culture media for the transport of samples to prolong the survival of microorganisms.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride	0,09
Sodium Chloride	5,0
di-Sodium Hydrogen Phosphate	1,1
Sodium Thioglycollate	1,5
Agar	5,5

pH: 8,4±0,2

Order code	Package	Units/Box st.
413778.1210	500 g (P)	6
413778.0914	5 kg (PP)	

Cefoxitine, Supplement (Additive) CULTIMED

NC: 3821 00 00

Formula per vial:

Cefoxitin	2 mg

Order code	Package	Units/Box st.
416911.02132	10 vial	

Cetrimide Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Pseudomonas aeruginosa

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,3
Magnesium Chloride	1,4
Gelatine Peptone	20,0
Potassium Sulphate	10,0
Agar	13,6

pH: 7,2±0,2

Order code	Package	Units/Box st.
416256.1208	100 g (P)	6
416256.1210	500 g (P)	6
416256.0914	5 kg (PP)	

Chapman-Stone Agar (Dehydrated Culture Media) CULTIMED

Culture media for isolation of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Ammonium Sulphate	75,0
Yeast Extract	2,0
Gelatine	30,0
D(-)-Mannitol	10,0
Casein Peptone	10,0
di-Potassium Hydrogen Phosphate	5,0
Sodium Chloride	55,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413831.1210	500 g (P)	6
413831.0914	5 kg (PP)	

Chapman TTC (Tergitol 7) Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue	0,05
Meat Extract	5,0
Yeast Extract	6,0
Lactose	20,0
Meat Peptone	10,0
Sodium Heptadecyl Sulphate	0,1
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
414955.1208	100 g (P)	6
414955.1210	500 g (P)	6
414955.0914	5 kg (PP)	

Chapman USP Medium

(see Mannitol Salt Agar)

Chromogenic E. coli Agar (Dehydrated Culture Media) CULTIMED

Culture media for the simultaneous detection of total Coliform and E. Coli

NC: 3821 00 00

Composition (g/l):

Chromogenic mixture 0,36
Bacteriological Peptone 3,0
Sodium Chloride 5,0
Sodium Pyruvate 1,0
Sorbitol 1,0
Phosphate Buffer 4,9
Tergitol-7 0,1
Tryptophan 1,0
Agar 10,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
416109.12135	105 g (P)	6
416109.12133	525 g (P)	6

Chromogenic Salmonella Agar (Dehydrated Culture Media) CULTIMED

Culture media for isolation of Salmonella

NC: 3821 00 00

Composition (g/l):

Chromogenic mixture 5,81
Meat Extract 5,00
Casein Peptone 5,0
Sodium Citrate 8,50
Agar 12,80

pH: 7,2±0,2

Order code	Package	Units/Box st.
416110.12136	115 g (P)	6
416110.12134	575 g (P)	6

CLED Medium (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration and presumptive identification of microorganisms from urine.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue 0,02
L-Cystine 0,128
Meat Extract 3,0
Lactose 10,0
Casein Peptone 4,0
Gelatine Peptone 4,0
Agar 15,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413753.1210	500 g (P)	6
413753.0914	5 kg (PP)	

Clostridium perfringens m-CP Agar Base (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of C. perfringens (spores included) from surface and drinking water

NC: 3821 00 00

Composition (g/l):

L-Cysteine mono-Hydrochloride 1-hydrate 1,0
Yeast Extract 20,0
Magnesium Sulphate 7-hydrate 0,1
Bromocresol Purple 0,04
Saccharose 5,0
Tryptose 30,0
Agar 15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
415463.1210	500 g (P)	6

Columbia Agar Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Cornstarch 1,0
Yeast Extract 5,0
Pancreatic Digest of Casein. 10,0
Meat Peptic Digest 5,0
Heart Pancreatic Digest 3,0
Sodium Chloride 5,0
Agar 13,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
413751.1210	500 g (P)	6
413751.0914	5 kg (PP)	

CTA Medium (Dehydrated Culture Media) CULTIMED

Culture media used for the preservation of strains.

NC: 3821 00 00

Composition (g/l):

L-Cystine 0,5
Yeast Extract 0,2
Casein Peptone 20,0
Phenol Red 0,017
Sodium Chloride 5,0
Sodium Sulphite 0,5
Agar 2,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
414709.1210	500 g (P)	6
414709.0914	5 kg (PP)	

Czapek Dox Agar (modified) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of fungal species.

NC: 3821 00 00

Composition (g/l):

Iron(II) Sulphate 0,01
Magnesium Glycerophosphate 0,5
Potassium Chloride 0,5
Potassium Sulphate 0,35
Saccharose 30,0
Sodium Nitrate 2,0
Agar 12,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413838.1210	500 g (P)	6
413838.0914	5 kg (PP)	

Dermasel Agar (Mycobiotic Agar) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of pathogenic fungi, especially dermatophytes.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Cycloheximide 0,4
Chloramphenicol 0,05
D(+)-Glucose 10,0
Soy Peptone 10,0
Agar 15,5

pH: 6,9±0,2

Order code	Package	Units/Box st.
413846.1210	500 g (P)	6
413846.0914	5 kg (PP)	

Desoxycholate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and enumeration of Gram-negative enteric microorganisms.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate 1,0
Iron(III) Citrate 1,0
Lactose 10,0
Peptones 10,0
di-Potassium Hydrogen Phosphate 2,0
Neutral Red 0,033
tri-Sodium Citrate 1,0
Sodium Chloride 5,0
Agar 16,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413754.1210	500 g (P)	6
413754.0914	5 kg (PP)	

Desoxycholate Citrate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the selective isolation of Salmonella and Shigella species.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate 5,0
Ammonium Iron(III) Citrate 1,0
tri-Sodium Citrate 20,0
Meat Extract 10,0
Lactose 10,0
Meat Peptone 10,0
Neutral Red 0,02
Agar 13,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
413755.1210	500 g (P)	6
413755.0914	5 kg (PP)	

Desoxycholate Citrate Lactose Agar (Dehydrated Culture Media) CULTIMED

Culture media for the selective isolation of Salmonella and Shigella species.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate	0,5
tri-Sodium Citrate	2,0
Lactose	10,0
Peptone	10,0
Neutral Red	0,03
Sodium Chloride	5,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
413756.1210	500 g P	6
413756.0914	5 kg PP	

Desoxycholate Lactose Saccharose Agar (Dehydrated Culture Media) CULTIMED

Selective media for the isolation of Gram-negative enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate	2,5
Lactose	5,0
Saccharose	5,0
Meat Extract	3,0
Proteose Peptone	7,0
Neutral Red	0,03
tri-Sodium Citrate	10,0
Sodium Thiosulphate	5,0
Agar	12,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413757.1210	500 g P	6
413757.0914	5 kg PP	

DNase Agar (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Staphylococcus species and Serratia marcescens, based on their production of deoxyribonuclease.

NC: 3821 00 00

Composition (g/l):

Deoxyribonucleic Acid	2,0
Casein Peptone	15,0
Soymeal Peptone	5,0
Sodium Chloride	5,0
Agar	15,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413759.1210	500 g P	6
413759.0914	5 kg PP	

EC Medium (Dehydrated Culture Media) CULTIMED

Culture media for the cultivation of Coliform bacterias.

NC: 3821 00 00

Composition (g/l):

Tryptose	20,0
Lactose	5,0
Potassium di-Hydrogen Phosphate	1,5
di-Potassium Hydrogen Phosphate	4,0
Bile Salts n° 3	1,9
Sodium Chloride	5,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
413761.1210	500 g P	6
413761.0914	5 kg PP	

EE Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media used for the enrichment of Enterobacteria.

NC: 3821 00 00

Composition (g/l):

Ox bile	20,0
D(+)-Glucose	5,0
Pancreatic Digest of Gelatine	10,0
Potassium di-Hydrogen Phosphate	2,0
di-Sodium Hydrogen Phosphate 2-hydrate	8,0
Brilliant Green	0,015

pH: 7,2±0,2

Order code	Package	Units/Box st.
413829.1210	500 g P	6
413829.0914	5 kg PP	

Egg Yolk Emulsion (Additive) CULTIMED

Additive for culture media for detection of lecitinase activity.

NC: 3821 00 00

Order code	Package	Units/Box st.
414722.1607	50 ml	6
414722.1608	100 ml	6

Egg Yolk Tellurite Emulsion (Additive) CULTIMED

Additive for culture media for detection of lecitinase activity.

NC: 3821 00 00

Order code	Package	Units/Box st.
414723.1607	50 ml	6
414723.1608	100 ml	6

EMB Levine Agar

(see Eosin Methylene Blue Agar acc. to Levine (EMB Levine))

Endo Agar Base (Dehydrated Culture Media) CULTIMED

Culture media for enumeration of Coliform in water.

NC: 3821 00 00

Composition (g/l):

Lactose	10,0
Peptone	10,0
di-Potassium Phosphate	3,5
Sodium Sulphite	2,5
Agar	10,0

pH: 7,5±0,2

Order code	Package	Units/Box st.
413760.1210	500 g P	6
413760.0914	5 kg PP	

Eosin Methylene Blue Agar (EMB) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Gram-negative enteric bacteria.

NC: 3821 00 00

Composition (g/l):

Eosin Yellowish	0,4
Methylene Blue	0,065
Lactose	5,0
Bacteriological Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Saccharose	5,0
Agar	13,5

pH: 7,2±0,2

Order code	Package	Units/Box st.
413762.1210	500 g P	6
413762.0914	5 kg PP	

Eosin Methylene Blue Agar acc. to Levine (EMB Levine) (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Coliform microorganisms.

NC: 3821 00 00

Composition (g/l):

Eosin	0,4
Methylene Blue	0,065
Lactose	10,0
Gelatine Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
413763.1208	100 g P	6
413763.1210	500 g P	6
413763.0914	5 kg PP	

EVA Broth (Ethyl Violet Azide) (Dehydrated Culture Media) CULTIMED

Media for the enrichment and cultivation of Enterococci.

NC: 3821 00 00

Signal Word: Warning

H302-H412

Composition (g/l):

Sodium Azide	0,4
Ethyl Violet	0,0008
D(+)-Glucose	5,0
Peptones mixture	20,0
Potassium di-Hydrogen Phosphate	2,7
di-Potassium Hydrogen Phosphate	2,7
Sodium Chloride	5,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413743.1210	500 g P	6
413743.0914	5 kg PP	

FC Broth Base M (Dehydrated Culture Media) CULTIMED

Media used for the enumeration of faecal Coliform from waters using the membrane filtration method

NC: 3821 00 00

Composition (g/l):
Aniline Blue....0,1
Yeast Extract....3,0
Lactose....12,5
Proteose Peptone n° 3....5,0
Bile Salt n° 3....1,5
Sodium Chloride....5,0
Tryptose....10,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
414270.1210	500 g	6
414270.0914	5 kg	

FDA M145

(see Tetrathionate Broth Base)

FDA M169

(see TSC Agar Base)

Fraser Listeria Broth Base (ISO 11290-1:1996) (Dehydrated Culture Media) CULTIMED

Enrichment medium for detection and enumeration of Listeria monocytogenes

NC: 3821 00 00

Composition (g/l):
Esculin....1,0
Yeast Extrat....5,0
Meat Extract....5,0
Lithium Chloride....3,0
Potassium di-Hydrogen Phosphate....1,35
Proteose Peptone....5,0
Sodium Chloride....20,0
di-Sodium Phosphate....12,0
Tryptone....5,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
416112.1210	500 g	6

Fraser Listeria Selective Enrichment Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes enrichment

NC: 3821 00 00

Signal Word: Danger



H302-H318-H412

Composition (mg/1 vial):
Ammonium Iron(III) Citrate....250,0
Composition (mg/2 vial):
Nalidixic Acid....10,0
Acryflavine....12,5

Order code	Package	Units/Box st.
416113.02131	2 x 5 vials	6

Fraser 1/2 Listeria Selective Enrichment Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes enrichment

NC: 3821 00 00

Signal Word: Danger



H302-H318-H412

Composition (mg/1 vial):
Ammonium Iron(III) Citrate....250,0
Composition (mg/2 vial):
Nalidixic Acid....5,0
Acryflavine....6,25

Order code	Package	Units/Box st.
416114.02131	2 x 5 vials	6

GC Agar Base (Dehydrated Culture Media) CULTIMED

Media for the cultivation and isolation of Neisseria.

NC: 3821 00 00

Composition (g/l):
Cornstarch....1,0
Peptone Mixture....15,0
Potassium di-Hydrogen Phosphate....1,0
di-Potassium Hydrogen Phosphate....4,0
Sodium Chloride....5,0
Agar....10,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
413767.1210	500 g	6
413767.0914	5 kg	

Giolitti-Cantoni Broth (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Staphylococcus aureus.

NC: 3821 00 00

Composition (g/l):
Meat Extract....5,0
Yeast Extract....5,0
Glycine....1,2
Lithium Chloride....5,0
D(-)-Mannitol....20,0
Sodium Chloride....5,0
Sodium Pyruvate....3,0
Tryptone....10,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
413765.1210	500 g	6
413765.0914	5 kg	

Glucose Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):
D(+)-Glucose....10,0
Meat Extract....3,0
Peptone Mixture....10,0
Sodium Chloride....5,0
Agar....15,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
413840.1210	500 g	6
413840.0914	5 kg	

Glucose Broth (Dehydrated Culture Media) CULTIMED

Culture media used for the study of glucose fermentation.

NC: 3821 00 00

Composition (g/l):
D(+)-Glucose....5,0
Casein Peptone....10,0
Sodium Chloride....5,0
pH: 7,3±0,2

Order code	Package	Units/Box st.
413847.1210	500 g	6
413847.0914	5 kg	

Glucose Chloramphenicol Agar (Dehydrated Culture Media) CULTIMED

Culture media for the count and the isolation of Fungi.

NC: 3821 00 00

Composition (g/l):
D(+)-Glucose....20,0
Chloramphenicol....0,20
Yeast Extract....5,0
Agar....15,0
pH: 6,6±0,2

Order code	Package	Units/Box st.
414956.1210	500 g	6
414956.0914	5 kg	

Glucose Chloramphenicol Broth (Dehydrated Culture Media) CULTIMED

Culture media for NMP count of Fungi.

NC: 3821 00 00

Composition (g/l):
D(+)-Glucose....20,0
Chloramphenicol....0,20
Yeast Extract....5,0
pH: 6,6±0,2

Order code	Package	Units/Box st.
414957.1210	500 g	6
414957.0914	5 kg	

G.N. Broth (Dehydrated Culture Media) CULTIMED

Media for the enrichment of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):
D(+)-Glucose....1,0
D(-)-Mannitol....2,0
di-Potassium Hydrogen Phosphate....4,0
Potassium di-Hydrogen Phosphate....1,5
tri-Sodium Citrate....5,0
Sodium Chloride....5,0
Sodium Desoxycholate....0,5
Tryptose....20,0
pH: 7,0±0,2

Order code	Package	Units/Box st.
414656.1210	500 g	6
414656.0914	5 kg	

GVPC Supplement (Additive) CULTIMED

Aditive used for legionella detection

NC: 3821 00 00

Composition (per vial):

Polymyxin ..... 39600 IU
Glycine ..... 1,5 g
Cycloheximide ..... 40 mg
Vancomycin ..... 0,5 mg

Order code	Package	Units/Box st.
416274.02132	10 vials	6

Hektoen Enteric Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and differentiation of Salmonella and Shigella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate 1,5
Bromothymol Blue 0,064
Yeast Extract 3,0
Fuchsin Acid 0,1
Lactose 12,0
Meat Peptone 12,0
Saccharose 12,0
Bile Salts 9,0
D(-)-Salicin 2,0
Sodium Chloride 5,0
Sodium Thiosulphate 5,0
Agar 14,0

pH: 7,5±0,2

Order code	Package	Units/Box st.
413768.1208	100 g	6
413768.1210	500 g	6
413768.0914	5 kg	

Kanamycin Esculin Azide Agar (CeNAN) (Dehydrated Culture Media) CULTIMED

Media for the enumeration and confirmation of Enterococci.

NC: 3821 00 00

Signal Word: Warning

H302-H412

Composition (g/l):

Kanamycin Sulphate 0,02
Esculin 1,0
Sodium Azide 0,15
Ammonium Iron(III) Citrate 0,5
Yeast Extract 5,0
Sodium Chloride 5,0
di-Sodium Hydrogen Citrate 1,0
Tryptone 20,0
Agar 15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
414676.1210	500 g	6
414676.0914	5 kg	

Kanamycin Esculin Azide Broth (CeNAN) (Dehydrated Culture Media) CULTIMED

Media for cultivation of Enterococci.

NC: 3821 00 00

Signal Word: Warning

H302-H412

Composition (g/l):

Kanamycin Sulphate 0,02
Esculin 1,0
Sodium Azide 0,15
Ammonium Iron(III) Citrate 0,5
Yeast Extract 5,0
Sodium Chloride 5,0
di-Sodium Hydrogen Citrate 1,0
Tryptone 20,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
414695.1210	500 g	6
414695.0914	5 kg	

KF Streptococcus Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of enterococci in water.

NC: 3821 00 00

Signal Word: Warning

H302

Composition (g/l):

Yeast Extract 10,0
Lactose 1,0
Maltose 20,0
Peptones mixture 10,0
Sodium Azide 0,4
Sodium Chloride 5,0
Sodium Glycerophosphate 10,0
Agar 20,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413773.1210	500 g	6
413773.0914	5 kg	

King A Medium (Dehydrated Culture Media) CULTIMED

Medium for the differentiation of Pseudomonas based in the production of Pyocyanine.

NC: 3821 00 00

Composition (g/l):

Magnesium Chloride 1,4
Gelatine Peptone 20,0
Potassium Sulphate 10,0
Agar 13,6

pH: 7,0±0,2

Order code	Package	Units/Box st.
413774.1210	500 g	6
413774.0914	5 kg	

King B Medium (Dehydrated Culture Media) CULTIMED

Medium for the differentiation of Pseudomonas based in the production of Fluorescein.

NC: 3821 00 00

Composition (g/l):

Magnesium Sulphate 1,5
Polipeptone 20,0
di-Potassium Hydrogen Phosphate 1,5
Agar 15

pH: 7,0±0,2

Order code	Package	Units/Box st.
413775.1208	100 g	6
413775.1210	500 g	6
413775.0914	5 kg	

King B Medium (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Medium for the differentiation of Pseudomonas aeruginosa according UNE-EN 12780:2002

NC: 3821 00 00

Composition (g/l):

Magnesium Sulphate 1,5
Peptone 20,0
Potassium Hydrogen Phosphate 1,5
Agar 15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
416260.1210	500 g	6

Kligler Agar

(see Kligler Iron Agar)

Kligler Iron Agar (Dehydrated Culture Media) CULTIMED

Media for the identification of Gram-negative enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate 0,5
D(+)-Glucose 1,0
Lactose 10,0
Peptone Mixture 20,0
Phenol Red 0,025
Sodium Chloride 5,0
Sodium Thiosulphate 0,5
Agar 15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413769.1210	500 g	6
413769.0914	5 kg	

Koser Citrate Medium (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Coliforms based on Citrate utilization.

NC: 3821 00 00

Composition (g/l):
Sodium Citrate 3,0
Ammonium Sodium Phosphate 1,5
Magnesium Sulphate 0,2
Potassium di-Hydrogen Phosphate 1,0
pH: 6,7±0,2

Order code	Package	Units/Box st.
414692.1210	500 g (P)	6
414692.0914	5 kg (PP)	

Lactosed Broth (Dehydrated Culture Media) CULTIMED

Medium for the detection of Coliforms, specially E. coli.

NC: 3821 00 00

Composition (g/l):
Lactose 5,0
Meat Extract 3,0
Gelatine Peptone 5,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
413776.1210	500 g (P)	6
413776.0914	5 kg (PP)	

Lactose Sulphite Broth Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Medium used as a presumptive test for Clostridium according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):
Lactose 10,0
Casein Peptone 5,0
Yeast Extract 2,5
Sodium Chloride 2,5
L-Cystein 0,3
pH: 7,1±0,2

Order code	Package	Units/Box st.
416254.1210	500 g (P)	6

Lauryl Sulphate Broth

(see Lauryl Tryptose Broth)

Lauryl Tryptose Broth (Dehydrated Culture Media) CULTIMED

Culture media for detection of Coliforms.

NC: 3821 00 00

Composition (g/l):
Sodium Dodecyl Sulphate 0,10
Tryptose 20,0
Lactose 5,0
Potassium di-Hydrogen Phosphate 2,75
di-Potassium Hydrogen Phosphate 2,75
Sodium Chloride 5,0
pH: 6,8±0,2

Order code	Package	Units/Box st.
413827.1210	500 g (P)	6
413827.0914	5 kg (PP)	

Legionella Agar (BCYE-Cys)

(see Prepared Media: BCYE without Cysteine Agar)

Legionella Agar (BCYEx)

(see Prepared Media: BCYEx Agar)

Legionella CYE Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the enumeration and isolation of Legionella

NC: 3821 00 00

Composition (g/l):
Yeast Extract 10,0
Charcoal Activated 2,0
Agar 13,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
416277.1210	500 g (P)	6

Letheen Agar (modified) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):
Meat Extract 3,0
Yeast Extract 2,0
Lecithin 1,0
Casein Peptone 10,0
Meat Peptone 10,0
Glucose 1,0
Sodium Chloride 5,0
Sodium Bisulphite 0,1
Polisorbate 80 7,0
Bacteriological Agar 15,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
415379.1210	500 g (P)	6

Letheen Broth (modified) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):
Meat Extract 5,0
Yeast Extract 2,0
Lecithin 0,70
Casein Peptone 5,0
Meat Peptone 20,0
Glucose 1,0
Sodium Chloride 5,0
Sodium Bisulphite 0,10
Polysorbate 80 5,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
415382.1210	500 g (P)	6

Lipase C, Supplement (Additive) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Formula per vial:
Lipase C Substrate ..... 1000 mg

Order code	Package	Units/Box st.
416893.02132	10 vials	

Listeria Chromogenic Agar (ISO 11290-1:2004) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):
Meat Peptone 18,00
Lithium Chloride 10,00
Yeast Extract 10,00
Tryptone 6,00
Sodium Chloride 5,00
di-Sodium Hidrogen Phosphate anhydrous 2,50
Glucose 2,00
Sodium Pyruvate 2,00
Magnesium glycerophosphate 1,00
Magnesium Sulphate 0,50
X-Glucoside 0,05
Bacteriological Agar 13,50
pH: 7,2±0,2

Order code	Package	Units/Box st.
416891.1210	500 g (P)	6

Listeria Medium

(see Fraser, Oxford, PALCAM)

Listeria Selective Chromogenic Supplement (Additive) CULTIMEDD

NC: 3821 00 00

SPECIFICATIONS:

Formula per vial:
Cycloheximide ..... 50 mg
Polymixin B Sulphate ..... 38.350 UI
Nalidixic acid ..... 10 mg
Ceftazidime ..... 10 mg

Order code	Package	Units/Box st.
416894.02132	10 vials	6

Luria Broth Base (Dehydrated Culture Media) CULTIMED

Culture media for the development of Escherichia coli.

NC: 3821 00 00

Composition (g/l):

Casein Peptone 10,0
Yeast Extract 5,0
Sodium Chloride 10,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
414753.1210	500 g (P)	6
414753.0914	5 kg (PP)	

Lysine Decarboxylase Broth (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Salmonella, based on their ability to decarboxylate L-Lysine.

NC: 3821 00 00

Composition (g/l):

L-Lysine 5,0
Yeast Extract 3,0
D(+)-Glucose 1,0
Gelatine Peptone 5,0
Bromocresol Purple 0,02

pH: 6,8±0,2

Order code	Package	Units/Box st.
413828.1210	500 g (P)	6
413828.0914	5 kg (PP)	

Lysine Iron Agar (Dehydrated Culture Media) CULTIMED

Media for the differentiation of Salmonella and Arizona.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate 0,5
L-Lysine 10,0
Yeast Extract 3,0
D(+)-Glucose 1,0
Gelatine Peptone 5,0
Bromocresol Purple 0,02
Sodium Thiosulphate 0,04
Agar 13,5

pH: 6,7±0,2

Order code	Package	Units/Box st.
413770.1210	500 g (P)	6
413770.0914	5 kg (PP)	

MacConkey Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for Coliforms.

NC: 3821 00 00

Composition (g/l):

Lactose 10,0
Peptone 3,0
Bile Salts 1,5
Gelatine Peptone 17,0
Neutral Red 0,03
Sodium Chloride 5,0
Crystal Violet 0,001
Agar 13,5

pH: 7,1±0,2

Order code	Package	Units/Box st.
413779.1208	100 g (P)	6
413779.1210	500 g (P)	6
413779.0914	5 kg (PP)	

MacConkey Agar nº 2 (Dehydrated Culture Media) CULTIMED

Culture media for the study of Enterococci in the presence of Coliforms.

NC: 3821 00 00

Composition (g/l):

Lactose 10,0
Peptone 20,0
Neutral Red 0,05
Bile Salts n° 2 1,5
Sodium Chloride 5,0
Crystal Violet 0,001
Agar 13,5

pH: 7,2±0,2

Order code	Package	Units/Box st.
413845.1210	500 g (P)	6
413845.0914	5 kg (PP)	

MacConkey Sorbitol Agar (Dehydrated Culture Media) CULTIMED

Selective culture media used in the E. coli investigation

NC: 3821 00 00

Composition (g/l):

D-Sorbitol 10,0
Bile Salts 1,5
Gelatine Peptone 20,0
Neutral Red 0,03
Sodium Chloride 5,0
Crystal Violet 0,001
Agar 15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
415641.1210	500 g (P)	6

MacConkey Agar without Crystal Violet (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Enterobacteriaceae and Enterococci.

NC: 3821 00 00

Composition (g/l):

Lactose 10,0
Gelatine Peptone 17,0
Peptones Mixture 3,0
Neutral Red 0,03
Bile Salts nº3 5,0
Sodium Chloride 5,0
Agar 12,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
414679.1210	500 g (P)	6

MacConkey Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for Coliforms.

NC: 3821 00 00

Composition (g/l):

Ox Bile 5,0
Lactose 10,0
Gelatin Peptone 20,0
Bromocresol Purple 0,01

pH: 7,3±0,2

Order code	Package	Units/Box st.
413780.1210	500 g (P)	6
413780.0914	5 kg (PP)	

Malt Extract Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and enumeration of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

Malt Extract 12,75
Dextrine 2,75
Glycerol 2,35
Gelatine Peptone 0,78
Agar 15,0

pH: 4,7±0,2

Order code	Package	Units/Box st.
413781.1210	500 g (P)	6
413781.0914	5 kg (PP)	

Malt Extract Broth (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and enumeration of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

Malt Extract 6,0
Yeast Extract 1,2
D(+)-Glucose 6,0
Maltose 6,0

pH: 4,7±0,2

Order code	Package	Units/Box st.
413832.1210	500 g (P)	6
413832.0914	5 kg (PP)	

Mannitol Motility Medium (Dehydrated Culture Media) CULTIMED

Culture media for differentiation of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

D(-)-Mannitol 7,5
Caseine Peptone 10,0
Potassium Nitrate 1,0
Phenol Red 0,04
Agar 3,5

pH: 7,6±0,2

Order code	Package	Units/Box st.
413782.1210	500 g (P)	6
413782.0914	5 kg (PP)	

Mannitol Salt Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for cultivation and enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Sodium Chloride	75,0
D(-)-Mannitol	10,0
Meat Extract	1,0
Digest Pancreatic of Casein	5,0
Peptic Digest of Animal Tissue	5,0
Phenol Red	0,025
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413783.1210	500 g (P)	6
413783.0914	5 kg (PP)	

Mannitol-Salt-Phenol Red Agar

(see Mannitol Salt Agar)

Marine Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of heterotrophic marine bacteria.

NC: 3821 00 00

Composition (g/l):

Boric Acid	0,022
Ammonium Nitrate	0,0016
Calcium Chloride	1,8
Strontium Chloride	0,034
Yeast Extract	1,0
Iron Citrate	0,1
Magnesium Chloride	8,8
Peptone	5,0
Potassium Bromide	0,08
Potassium Chloride	0,55
Sodium Chloride	19,4
Sodium Fluoride	0,0024
Sodium Hydrogen Carbonate	0,16
di-Sodium Hydrogen Phosphate	0,008
Sodium Silicate	0,004
Sodium Sulphate	3,24
Agar	15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
414680.1210	500 g (P)	6
414680.0914	5 kg (PP)	

Marine Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of heterotrophic marine bacteria.

NC: 3821 00 00

Composition (g/l):

Boric Acid	0,022
Ammonium Nitrate	0,0016
Calcium Chloride	1,8
Strontium Chloride	0,034
Yeast Extract	1,0
Iron Citrate	0,1
Magnesium Chloride	8,8
Bacteriological Peptone	5,0
Potassium Bromide	0,08
Potassium Chloride	0,55
Sodium Chloride	19,4
Sodium Fluoride	0,0024
Sodium Hydrogen Carbonate	0,16
di-Sodium Hydrogen Phosphate	0,008
Sodium Silicate	0,004
Sodium Sulphate	3,24

pH: 7,6±0,2

Order code	Package	Units/Box st.
414698.1210	500 g (P)	6
414698.0914	5 kg (PP)	

Medium A

(see Tryptone Soy Broth (TSB))

Medium B

(see Tryptone Soy Agar (TSA))

Medium C

(see Sabouraud Glucose Agar + Chloramphenicol)

Medium D

(see Lactosed Broth)

Medium E

(see EE Broth)

Medium F

(see Violet Red Bile Lactose and Glucose Agar (VRBLG))

Medium G

(see MacConkey Broth)

Medium H

(see MacConkey Agar)

Medium I

(see Bile Tetrathionate-Brilliant Green Broth)

Medium J

(see Desoxycholate Citrate Agar)

Medium K

(see XLD Medium)

Medium L

(see Brilliant Green Agar)

Medium M

(see Triple Sugar Iron Agar)

Medium N

(see Cetrimide Agar)

Medium O

(see Baird-Parker Agar Base)

Medium P

(see Reinforced Clostridial Agar (Ph. Eur.))

Medium Q

(see Columbia Agar Base)

Medium S

(see R2A Agar)

Minerals (modified) Glutamated Broth (MMGB) (ISO 16649-3) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Sodium L-Glutamate	6,4
Lactose	10,00
Sodium Formate	0,25
L-Cystine	0,02
L-Aspartic Acid	0,024
L-Arginine	0,02
Thiamine	0,001
Nicotinic Acid	0,001
Pantothenic Acid	0,001
Magnesium Sulphate 7-hydrate	0,10
Ammonium Iron(III) Citrate	0,01
Calcium Chloride 2-hydrate	0,01
di-Potassium Hydrogen Phosphate	0,90
Bromocresol Purple	0,01

pH 6,7±0,1

Order code	Package	Units/Box st.
416895.1210	500 g (P)	6

MRS Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Lactobacillus species.

NC: 3821 00 00

Composition (g/l):

di-Ammonium Hydrogen Citrate 2,0
Meat Extract 8,0
Yeast Extract 4,0
D(+)-Glucose 20,0
Magnesium Sulphate 0,2
Manganese(II) Sulphate 0,05
Bacteriological Peptone 10,0
di-Potassium Hydrogen Phosphate 2,0
Sodium Acetate 5,0
Tween 80 1,0
Agar 10,0

pH: 6,2±0,2

Order code	Package	Units/Box st.
413784.1208	100 g (P)	6
413784.1210	500 g (P)	6
413784.0914	5 kg (PP)	

MRS Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Lactobacillus species.

NC: 3821 00 00

Composition (g/l):

di-Ammonium Hydrogen Citrate 2,0
Meat Extract 8,0
Yeast Extract 4,0
D(+)-Glucose 20,0
Magnesium Sulphate 0,2
Manganese(II) Sulphate 0,05
Bacteriological Peptone 10,0
di-Potassium Hydrogen Phosphate 2,0
Sodium Acetate 5,0
Tween 80 1,0

pH: 6,2±0,2

Order code	Package	Units/Box st.
413785.1208	100 g (P)	6
413785.1210	500 g (P)	6
413785.0914	5 kg (PP)	

MR-VP Medium (Dehydrated Culture Media) CULTIMED

Culture media for differentiation of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose 5,0
Peptone Mixture 7,0
tri-Potassium Phosphate 5,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
413786.1210	500 g (P)	6
413786.0914	5 kg (PP)	

Mueller-Hinton Agar (Dehydrated Culture Media) CULTIMED

Medium for sensitivity test for diverse antibiotics and sulphonamide.

NC: 3821 00 00

Composition (g/l):

Starch 1,5
Meat Infusion 2,0
Casein Peptone Hydrolysate 17,5
Agar 17,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413787.1208	100 g (P)	6
413787.1210	500 g (P)	6
413787.0914	5 kg (PP)	

Mueller-Hinton Broth (Dehydrated Culture Media) CULTIMED

Medium for sensitivity test in broth for diverse antibiotics.

NC: 3821 00 00

Composition (g/l):

Starch 1,5
Meat Infusion 2,0
Casein Peptone Hydrolysate 17,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
413788.1210	500 g (P)	6
413788.0914	5 kg (PP)	

Nickerson Medium (Dehydrated Culture Media) CULTIMED

Culture media for the presumptive identification of Candida species.

NC: 3821 00 00

Composition (g/l):

Yeast Extract 1,0
Glycine 10,0
D(+)-Glucose 10,0
Bismuth Ammonium Citrate 5,0
Sodium Sulphite 3,00
Agar 16,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413790.1210	500 g (P)	6
413790.0914	5 kg (PP)	

Nitrate Movility Medium (Dehydrated Culture Media) CULTIMED

Media for the identification of Clostridium perfringens based on its nitrate reduction capacity

NC: 3821 00 00

Composition (g/l):

Casein Peptone 5,0
Meat Extract 3,0
D(+)-Galactose 5,0
Potassium Nitrate 1,0
di-Sodium Hydrogen Phosphate 2,5
Agar 3,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
416275.1210	500 g (P)	6

Nutrient Agar (Dehydrated Culture Media) CULTIMED

Media for enumeration of organisms in water.

NC: 3821 00 00

Composition (g/l):

Meat Extract 3,0
Gelatine Peptone 5,0
Agar 15,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413792.1208	100 g (P)	6
413792.1210	500 g (P)	6
413792.0914	5 kg (PP)	

Nutrient Agar (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Media for the differential subculture of Pseudomonas aeruginosa according to UNE-EN 12780:2002

NC: 3821 00 00

Composition (g/l):

Peptone 5,0
Meat Extract 1,0
Yeast Extract 2,0
Sodium Chloride 5,0
Agar 15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
416261.1210	500 g (P)	6

Nutrient Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of non fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Meat Extract 3,0
Gelatine Peptone 5,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413793.1210	500 g (P)	6
413793.0914	5 kg (PP)	

Nutrient Gelatine (Dehydrated Culture Media) CULTIMED

Media for the differentiation of bacteria based on their ability to liquefy gelatine.

NC: 3821 00 00

Composition (g/l):

Gelatine 120,0
Gelatine Peptone 5,0
Meat Extract 3,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413801.1210	500 g (P)	6
413801.0914	5 kg (PP)	

OF Basal Medium (Dehydrated Culture Media) CULTIMED

Culture media for differentiating Gram-negative bacteria.

NC: 3821 00 00

Composition (g/l):
Bromothymol Blue....0,03
Casein Peptone....2,0
di-Potassium Hydrogen Phosphate....0,3
Sodium Chloride....5,0
Agar....2,5
pH: 7,1±0,2

Order code	Package	Units/Box st.
414707.1210	500 g (P)	6
414707.0914	5 kg (PP)	

OGYE Agar Base (Dehydrated Culture Media) CULTIMED

Media for the enumeration and cultivation of yeasts and fungi.

NC: 3821 00 00

Composition (g/l):
Yeast Extract....5,0
D(+)-Glucose....10,0
Agar....15,0
pH: 6,5±0,2

Order code	Package	Units/Box st.
414958.1210	500 g (P)	6
414958.0914	5 kg (PP)	

ONPG-FDA-MUG-INDOL Broth

(see Prepared Media: O-F-M-I Broth)

Orange Serum Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of acid tolerant microorganisms in fruit juices

NC: 3821 00 00

Composition (g/l):
Casein Peptone....10,0
Yeast Extract....3,0
Orange Extract....5,0
Glucose....4,0
Potassium di-Hydrogen Phosphate....3,0
Agar....15,0
pH: 5,5±0,2

Order code	Package	Units/Box st.
416276.1210	500 g (P)	6

Oxford Listeria Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for detection of Listeria monocytogenes

NC: 3821 00 00

Signal Word: Warning



H302-H319-H315

Composition (g/l):
Columbia Agar Base....39,0
Esculin....1,0
Ammonium Iron(III) Citrate....0,5
Lithium Chloride....15,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
416111.1210	500 g (P)	6

Oxford Listeria Selective Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes detection

NC: 3821 00 00 UN: 2811

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H360D-H300-H341

Composition (mg/vial):
Cycloheximide....200,0
Colystine Sulphate....10,0
Acryflavine....2,5
Cefotetan....1,0
Phosphomycine....5,0

Order code	Package	Units/Box st.
416115.02132	10 vials	6

Indole Sticks CULTIMED

NC: 3822 00 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:
Comprised of:
Indole test sticks (30 sticks)
Indole Reagent (1x3 ml)

Order code	Package	Units/Box st.
416445.0922	pack	6

Oxidase Sticks CULTIMED

NC: 3822 00 00

SPECIFICATIONS:
Composition (per stick):
Tetramethyl-p-phenylenadiamine hydrochloride.... 8 % (w/v)

Order code	Package	Units/Box st.
416444.2326	50 sticks	

PALCAM Listeria Agar Base (Dehydrated Culture Media) CULTIMED

Media for the selective isolation, cultivation and differentiation of Listeria monocytogenes

NC: 3821 00 00

Signal Word: Warning



H319-H315

Composition (g/l):
Columbia Agar Base....39,0
Yeast Extract....3,0
Glucose....0,5
Esculin....0,8
Ammonium Iron(III) Citrate....0,5
Mannitol....10,0
Phenol Red....0,08
Lithium Chloride....15,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
415380.1210	500 g (P)	6

PALCAM Listeria Selective Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes detection

NC: 3821 00 00

Signal Word: Danger



H318-H412

Composition (mg/vial):
Polymyxin B Sulphate....5,0
Ceftacidine....10,0
Acryflavine....2,5

Order code	Package	Units/Box st.
416116.02132	10 vials	6

PCA

(see Standard Methods Agar (APHA). Prepared Media: Plate Count Agar (PCA))

Peptone of Casein-Glucose-Yeast Extract Agar

(see Standard Methods Agar (APHA). Prepared Media: Plate Count Agar (PCA))

Peptone Water (Dehydrated Culture Media) CULTIMED

Diluent agent for the homogenization of samples.

NC: 3821 00 00

Composition (g/l):
Tryptone....10,0
Sodium Chloride....5,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
413794.1210	500 g (P)	6
413794.0914	5 kg (PP)	

Perfringens according to Angelotti Selective Agar

(see SPS Agar (Selective Agar according to Angelotti))

Potassium Tellurite solution 3,5% (Additive) CULTIMED

Additive selective for culture media.

NC: 3821 00 00

Signal Word: Warning



H302

Order code	Package	Units/Box st.
414724.1607	50 ml	6
414724.1608	100 ml	6

Potato Glucose Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the culture and enumeration of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	20,0
Potatoes Infusion (200 g)	4,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
413758.1208	100 g P	6
413758.1210	500 g P	6
413758.0914	5 kg PP	

Potato Infusion Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Brucella species

NC: 3821 00 00

Composition (g/l):

Potato Infusion	200,0
Meat Peptone	10,0
Meat Extract	5,0
Glucose	10,0
Sodium Chloride	5,0
Agar	15,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
416322.1210	500 g P	6

Pseudomonas CN Agar Base (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,2
Nalidixic Acid	0,015
Magnesium Chloride	1,4
Hydrolyzed Casein Peptone	10,0
Gelatine Peptone	16,0
Potassium Sulphate	10,0
Agar	13,0

pH:7,1±0,2

Order code	Package	Units/Box st.
413752.1210	500 g P	6
413752.0914	5 kg PP	

Pseudomonas-F Agar (Dehydrated Culture Media) CULTIMED

Media for the differentiation of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Magnesium Sulphate	1,5
Peptone	20,0
di-Potassium Hydrogen Phosphate	1,5
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413796.1210	500 g P	6
413796.0914	5 kg PP	

R2A Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of heterotrophic bacteria in water according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Proteose Peptone	0,5
Casein Hydrolyzed	0,50
Yeast Extract	0,5
Glucose	0,5
Starch	0,5
Sodium Pyruvate	0,3
di-Potassium Hydrogen Phosphate	0,3
Magnesium Sulphate	0,024
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
416197.1210	500 g P	6

Raka-Ray Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the isolation of lactic acid bacteria.

NC: 3821 00 00

Composition (g/l):

N-Acetylglucosamine	0,5
di-Ammonium Hydrogen Citrate	2,0
Betaine Chlorhydrate	2,0
Cycloheximide	0,007
Liver Extract	1,0
Yeast Extract	5,0
D(-)-Fructose	5,0
D(+)-Glucose	5,0
Magnesium Sulphate	2,0
Maltose	10,0
Manganese(II) Sulphate	0,66
Potassium Aspartate	2,5
tri-Potassium Phosphate	2,0
Potassium Glutamate	2,5
Tryptone	20,0
Agar	17,0

pH: 5,4±0,2

Order code	Package	Units/Box st.
413797.1210	500 g P	6
413797.0914	5 kg PP	

Rappaport Broth (Dehydrated Culture Media) CULTIMED

Culture media for the enrichment of Salmonella, with the exception of S. typhi.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	1,6
Magnesium Chloride	30,0
Potassium di-Hydrogen Phosphate	0,78
Sodium Chloride	7,0
di-Sodium Hydrogen Phosphate	0,26
Trypticaseine	4,3
Malachite Green	0,1

pH: 5,5±0,2

Order code	Package	Units/Box st.
413798.1210	500 g P	6
413798.0914	5 kg PP	

Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED

Enrichment broth for Salmonella.

NC: 3821 00 00

Composition (g/l):

Magnesium Chloride anhydrous	18,73[1]
Soy Peptone	5,0
Potassium di-Hydrogen Phosphate	1,40
di-Potassium Hydrogen Phosphate	0,20
Sodium Chloride	8,00
Malachite Green	0,04

pH: 5,2±0,2

[1]is equivalent to Magnesium Chloride 7-hydrate 40,0

Order code	Package	Units/Box st.
414959.1210	500 g P	6
414959.0914	5 kg PP	

Reinforced Clostridial Agar (RCM) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Clostridium, Bifidobacterium and other anaerobic organisms.

NC: 3821 00 00

Composition (g/l):

Starch	1,0
L-Cysteine Hydrochloride	0,5
Meat Extract	10,0
Yeast Extract	3,0
D(+)-Glucose	5,0
Peptone	10,0
Sodium Acetate	3,0
Sodium Chloride	5,0
Agar	12,5

pH: 6,8±0,2

Order code	Package	Units/Box st.
414655.1210	500 g P	6
414655.0914	5 kg PP	

Reinforced Clostridial Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of clostridia, lactobacillis and anaerobic bacteria according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Starch	1,0
L-Cysteine Hydrochloride	0,5
Meat Extract	10,0
Yeast Extract	3,0
D(+)-Glucose	5,0
Casein Peptone	10,0
Sodium Acetate	3,0
Sodium Chloride	5,0
Agar	0,5

pH: 6,8±0,2

Order code	Package	Units/Box st.
416253.1210	500 g (P)	6

Rogosa SL Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation, and enumeration of Lactobacillus.

NC: 3821 00 00

Composition (g/l):

di-Ammonium Hydrogen Citrate	2,0
Arabinose	5,0
Yeast Extract	5,0
D(+)-Glucose	10,0
Iron(II) Sulphate	0,03
Magnesium Sulphate	0,57
Manganese(II) Sulphate	0,12
Potassium di-Hydrogen Phosphate	6,0
Saccharose	5,0
Sodium Acetate	15,0
Sorbitan Monooleate	1,0
Tryptose	10,0
Agar	15,0

pH: 5,4±0,2

Order code	Package	Units/Box st.
413800.1210	500 g (P)	6
413800.0914	5 kg (PP)	

Rose Bengal Chloramphenicol Agar (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate	0,5
Bacteriological Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
414855.1208	100 g (P)	6
414855.1210	500 g (P)	6
414855.0914	5 kg (PP)	

Rothe Broth (Glucose Azide Broth) (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Enterococci.

NC: 3821 00 00

Signal Word: Warning

H302-H412

Composition (g/l):

Sodium Azide	0,2
D(+)-Glucose	7,5
Meat Extract	4,5
Mixture of Peptones	15,0
Sodium Chloride	7,5

pH: 7,2±0,2

Order code	Package	Units/Box st.
413742.1210	500 g (P)	6
413742.0914	5 kg (PP)	

RPF Supplement (ISO-FDIS 6888-2) (Additive) CULTIMED

Additive for the preparation of Baird-Parker Agar Base (Code 413744) used for the detection of coagulase positive Staphylococcus

NC: 3821 00 00

Composition (per vial):

Rabbit Plasma	2,5 ml
Bovine Fibrinogen	380 mg
Trypsin Inhibitor	2,5 mg
Potassium Tellurite	2,5 mg

Order code	Package	Units/Box st.
416272.02132	10 vials	6

Sabouraud Agar

(see Sabouraud Glucose Agar)

Sabouraud+Chloramphenicol Agar

(see Sabouraud Glucose Agar+Chloramphenicol)

Sabouraud Glucose Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Mixture of Peptic Digest of Animal Tissue and Pancreatic Digest of Casein (1:1)	10,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
413802.1208	100 g (P)	6
413802.1210	500 g (P)	6
413802.0914	5 kg (PP)	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Peptones Mixture	10,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
413842.1208	100 g (P)	6
413842.1210	500 g (P)	6
413842.0914	5 kg (PP)	

Sabouraud Glucose Agar+Cycloheximide (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Cycloheximide	0,40
Peptones mixture	10,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
414267.1210	500 g (P)	6

Glucose Sabouraud Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic effectiveness test and in fungi and yeast cultures.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	20,0
Mixture of peptic of animal tissue and pancreatic digest of casein (1:1)	10,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
413804.1210	500 g (P)	6
413804.0914	5 kg (PP)	

Sabouraud Maltose Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D-Maltose	40,0
Peptone	10,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
413803.1210	500 g (P)	6
413803.0914	5 kg (PP)	

Saline Peptone Water (NF ISO 6579:1990) (Dehydrated Culture Media) CULTIMED

General diluent agent

NC: 3821 00 00

Composition (g/l):

Casein Peptone	1,0
Sodium Chloride	8,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
416265.1210	500 g (P)	6

Salmonella Shigella Agar (Dehydrated Culture Media) CULTIMED

Medium for the isolation of Shigella and Salmonella.

NC: 3821 00 00

Composition (g/l):

Meat Extract 5,0
Iron(III) Citrate 1,0
Lactose 10,0
Peptones 5,0
Neutral Red 0,025
Bile Salts 8,5
tri-Sodium Citrate 8,5
Sodium Thiosulphate 8,5
Brilliant Green 0,00033
Agar 13,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
413805.1208	100 g P	6
413805.1210	500 g P	6
413805.0914	5 kg PP	

Schaedler Agar (Dehydrated Culture Media) CULTIMED

Culture media for anaerobic bacterial species.

NC: 3821 00 00

Composition (g/l):

Tryptone Soy Broth 10,0
L-Cystine 0,4
D(+)-Glucose 5,0
Yeast Extract 5,0
Hemin 0,01
Peptone 5,0
Tris (Hydroxymethyl) Aminomethane 3,0
Agar 13,5

pH: 7,6±0,2

Order code	Package	Units/Box st.
413807.1210	500 g P	6
413807.0914	5 kg PP	

Schaedler Broth (Dehydrated Culture Media) CULTIMED

Culture media for anaerobic bacterial species.

NC: 3821 00 00

Composition (g/l):

Tryptone Soy Broth 10,0
L-Cystine 0,4
D(+)-Glucose 5,0
Yeast Extract 5,0
Hemin 0,01
Casein Peptone 2,5
Meat Peptone 2,5
Tris (Hydroxymethyl) Aminomethane 3,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
413808.1210	500 g P	6
413808.0914	5 kg PP	

Selenite Brilliant Green Broth (Dehydrated Culture Media) CULTIMED

Culture media for the enrichment of Salmonella.

NC: 3821 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):

Sodium Selenite 4,0
Brilliant Green 0,005
Yeast Extract 5,0
D(-)-Mannitol 5,0
Gelatin Peptone 5,0
di-Potassium Hydrogen Phosphate 2,65
Potassium di-Hydrogen Phosphate 1,02
Sodium Taurocholate 1,0
Sodium Sulfapyridine 0,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
414703.1210	500 g P	6
414703.0914	5 kg PP	

Selenite Broth Base (Dehydrated Culture Media) CULTIMED

Media for the enrichment of Salmonella.

NC: 3821 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):

Sodium Selenite 4,00
Lactose 4,00
Peptone mixture 5,00
tri-Sodium Phosphate 10,00

pH: 7,0±0,2

Order code	Package	Units/Box st.
413824.1210	500 g P	6
413824.0914	5 kg PP	

Selenite Cystine Broth (Dehydrated Culture Media) CULTIMED

Media for the enrichment of Salmonella.

NC: 3821 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):

Sodium Hydrogen Selenite 4,00
L(-)-Cystine 0,01
Lactose 4,00
Peptone mixture 5,00
tri-Sodium Phosphate 10,00

pH: 7,0±0,2

Order code	Package	Units/Box st.
413809.1210	500 g P	6
413809.0914	5 kg PP	

SIM Medium (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Sulphate 0,2
Meat Peptone 6,1
Casein Peptone 20,0
Sodium Thiosulphate 0,2
Agar 3,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
413810.1210	500 g P	6
413810.0914	5 kg PP	

Simmons Citrate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation and identification of Enterobacteriaceae based on citrate utilization.

NC: 3821 00 00

Composition (g/l):

tri-Sodium Citrate 2,0
Ammonium di-Hydrogen Phosphate 1,0
Bromothymol Blue 0,08
Magnesium Sulphate 0,2
di-Potassium Hydrogen Phosphate 1,0
Sodium Chloride 5,0
Agar 15,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
413811.1210	500 g P	6
413811.0914	5 kg PP	

Skim Milk Plate Count Agar (Dehydrated Culture Media) CULTIMED

Media used for the differentiation of bacteria based on proteolytic activity.

NC: 3821 00 00

Composition (g/l):

Skim milk 1,0
D(+)-Glucose 1,0
Yeast Extract 2,5
Tryptone 5,0
Agar 15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
414118.1210	500 g P	6
414118.0914	5 kg PP	

Slanetz Bartley Medium (ISO 7899-2:2000) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Enterococci.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):
Yeast Extract 5,0
D(+)-Glucose 2,0
Sodium Azide 0,4
di-Potassium Hydrogen Phosphate 4,0
2,3,5-Triphenyl-2H-Tetrazolium Chloride.....0,1
Tryptose.....20,0
Agar 10,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
413812.1208	100 g (P)	6
413812.1210	500 g (P)	6
413812.0914	5 kg (PP)	

SPS Agar (Selective Agar according to Angelotti) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia.

NC: 3821 00 00

Composition (g/l):
Sodium Sulphite 0,3
Polymyxin B Sulphate 0,01
Sodium Sulfadiazine.....0,12
Yeast Extract 10,0
Iron(III) Citrate 0,5
Casein Peptone 15,5
Agar 13,0
pH: 7,0±0,2

Order code	Package	Units/Box st.
414125.1208	100 g (P)	6
414125.1210	500 g (P)	6
414125.0914	5 kg (PP)	

Standard Methods Agar (APHA) (ISO 4833:2003) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of microorganisms.

NC: 3821 00 00

Composition (g/l):
Yeast Extract 2,5
D(+)-Glucose 1,0
Tryptone.....5,0
Agar 15,0
pH: 7,0±0,2

Order code	Package	Units/Box st.
413799.1208	100 g (P)	6
413799.1210	500 g (P)	6
413799.0914	5 kg (PP)	

Staphylococcus according to Baird-Parker Selective Agar

(see Baird-Parker Agar Base)

Staphylococcus Chromogenic Agar Base (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):
Peptone mixture 11,00
Growth factors.....78,00
Chromogenic Substrate 1,90
Bacteriological Agar 12,50
pH: 7,2±0,2

Order code	Package	Units/Box st.
416892.12133	525 g (P)	6

Staphylococcus Medium nº 110 (Dehydrated Culture Media) CULTIMED

Media for the isolation of Staphylococci in foodstuff and other materials.

NC: 3821 00 00

Composition (g/l):
Yeast Extract 2,5
Gelatine 30,0
Lactose.....2,0
D(-)-Mannitol 10,0
Casein Peptone.....10,0
di-Potassium Hydrogen Phosphate 5,0
Sodium Chloride.....75,0
Agar 15,0
pH: 7,0±0,2

Order code	Package	Units/Box st.
413764.1210	500 g (P)	6
413764.0914	5 kg (PP)	

Sterility Test Broth

(see Thioglycollate Medium USP)

Stuart Transport Medium (Dehydrated Culture Media) CULTIMED

Culture media for the transport of samples to prolong the survival of microorganisms.

NC: 3821 00 00

Composition (g/l):
Methylene Blue.....0,002
Calcium Chloride.....0,1
Sodium Glycerophosphate.....10,0
Sodium Thioglycollate 1,0
Agar 3,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
413813.1210	500 g (P)	6
413813.0914	5 kg (PP)	

TBA Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 9308-1:2000

NC: 3821 00 00

Composition (g/l):
Tryptone.....20,0
Bile Salts.....1,5
Agar 15,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
416262.1210	500 g (P)	6

TBX Agar (ISO 16649-2:2000) (Dehydrated Culture Media) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 16649-2:2000

NC: 3821 00 00

Composition (g/l):
Casein Peptone.....20,0
Bile Salts.....1,5
X-β-D-Glucuronide 0,075
Agar 15,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
416220.1210	500 g (P)	6

TCBS Cholera Medium (Dehydrated Culture Media) CULTIMED

Media for the cultivation and isolation of Vibrio cholerae and Vibrio parahaemolyticus.

NC: 3821 00 00

Composition (g/l):
Bromothymol Blue.....0,04
Thymol Blue.....0,04
Dried Bile 5,0
Yeast Extract 5,0
Iron(III) Citrate 1,0
Meat Peptone.....5,0
Casein Peptone 5,0
Saccharose.....20,0
tri-Sodium Citrate 10,0
Sodium Chloride.....10,0
Sodium Cholate.....3,0
Sodium Thiosulphate.....10,0
Agar 14,0
pH: 8,6±0,2

Order code	Package	Units/Box st.
413817.1210	500 g (P)	6
413817.0914	5 kg (PP)	

Tergitol 7 Agar

(see Chapman TTC (Tergitol 7) Agar)

Tetrathionate Broth Base (Dehydrated Culture Media) CULTIMED

Culture media for the enrichment of Salmonella.

NC: 3821 00 00

Composition (g/l):
Calcium Carbonate.....10,0
Mixture of Peptones 5,0
Bile Salts.....1,0
Sodium Thiosulphate.....30,0
pH: 8,4±0,2

Order code	Package	Units/Box st.
413814.1210	500 g (P)	6
413814.0914	5 kg (PP)	

Tetrathionate Broth Base acc. to Muller-Kauffmann (Dehydrated Culture Media) CULTIMED

Broth base for the enrichment of Salmonella.

NC: 3821 00 00

Composition (g/l):

Ox Bile	4,75
Calcium Carbonate	25,0
Meat Extract	0,9
Yeast Extract	1,8
Meat Peptone	4,5
Sodium Chloride	4,5
Sodium Thiosulphate	40,7

pH: 7,6±0,2

Order code	Package	Units/Box st.
414961.1210	500 g (P)	6
414961.0914	5 kg (PP)	

Thioglycollate, Liquid Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests.

NC: 3821 00 00

Composition (g/l):

Sodium Thioglycollate	0,5
L-Cystine	0,5
Yeast Extract	5,0
D(+)-Glucose	5,0
Pancreatic Digest of Casein	15,0
Resazurin	0,001
Sodium Chloride	2,5
Agar	0,75

pH: 7,1±0,2

Order code	Package	Units/Box st.
413815.1210	500 g (P)	6
413815.0914	5 kg (PP)	

Thioglycollate Medium without Indicator (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the perfomance of sterility tests.

NC: 3821 00 00

Composition (g/l):

Sodium Thioglycollate	0,5
L-Cystine	0,25
D(+)-Glucose	6,0
Casein Peptone	17,0
Soymeal Peptone	3,0
Sodium Chloride	2,5
Sodium Sulphite	0,1
Agar	0,75

pH: 7,0±0,2

Order code	Package	Units/Box st.
413816.1210	500 g (P)	6
413816.0914	5 kg (PP)	

Thioglycollate Liquid Medium (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests.

NC: 3821 00 00

Composition (g/l):

Sodium Thioglycollate	0,5
L-Cystine	0,5
Yeast Extract	5,0
D(+)-Glucose	5,5
Enzym Digest of Casein	15,0
Resazurin	0,001
Sodium Chloride	2,5
Agar	0,7

5

pH: 7,1±0,2

Order code	Package	Units/Box st.
413912.1210	500 g (P)	6
413912.0914	5 kg (PP)	

Todd Hewitt Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a great variety of pathogenic microorganisms.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	2,0
Heart Infusion	3,1
Bacteriological Peptone	20,0
Sodium Carbonate	0,5
Sodium Chloride	2,0
di-Sodium Hydrogen Phosphate	0,4

pH: 7,8±0,2

Order code	Package	Units/Box st.
413818.1210	500 g (P)	6
413818.0914	5 kg (PP)	

Triple Sugar Iron Agar (Dehydrated Culture Media) CULTIMED

Media for the differentiation of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	0,3
D(+)-Glucose	1,0
Meat Extract	3,0
Yeast Extract	3,0
Lactose	10,0
Saccharose	10,0
Peptone Mixture (Meat/Casein)	20,0
Phenol Red	0,025
Sodium Chloride	5,0
Sodium Thiosulphate	0,3
Agar	12,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413771.1210	500 g (P)	6
413771.0914	5 kg (PP)	

Tryptone, Bile, X-Glucuronide Agar

(see TBX Agar)

Tryptone Agar with bile salts

(see TBA Agar)

Tryptone Glucose Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic microorganisms.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	5,0
Casein Peptone	20,0
Bromothymol Blue	0,01
Agar	3,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
413841.1210	500 g (P)	6
413841.0914	5 kg (PP)	

Tryptone Glucose Extract Agar (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of bacteria and for the detection of thermophilic organisms.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	1,0
Meat Extract	3,0
Casein Peptone	5,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413844.1210	500 g (P)	6
413844.0914	5 kg (PP)	

Tryptone Soy Agar (TSA) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Papaic Digest of Soya	5,0
Pancreatic Digest of Casein	15,0
Sodium Chloride	5,0
Agar	15,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413819.1208	100 g (P)	6
413819.1210	500 g (P)	6
413819.0914	5 kg (PP)	

Tryptone Soy Broth (TSB) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the culture of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Soy Peptone	3,0
D(+)-Glucose	2,5
Casein Peptone	17,0
di-Potassium Hydrogen Phosphate	2,5
Sodium Chloride	5,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413820.1208	100 g (P)	6
413820.1210	500 g (P)	6
413820.0914	5 kg (PP)	

Tryptone Soy+Tween+Lecithin Agar

(see Prepared Media: TSA-Tween-Lecithin-Agar)

Tryptone Water

(see Peptone Water)

Tryptone Yeast Extract Agar (ISO 6222:1999) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of microorganisms according ISO 6222:1999

NC: 3821 00 00

Composition (g/l):

Yeast Extract 3,0
Tryptone 6,0
Agar 15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
416106.1210	500 g (P)	6

Tryptophan Broth (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED

Culture media for the differential subculture of Coliforms and for the indol test according to ISO 9308-1:2000

NC: 3821 00 00

Composition (g/l):

Casein Peptone 10,0
L-Tryptophan 1,0
Sodium Chloride 5,0

pH: 7,5±0,2

Order code	Package	Units/Box st.
416263.1210	500 g (P)	6

Tryptose-Sulphite-Cycloserine Agar

(see TSC Agar Base)

TSA

(see Tryptone Soy Agar (TSA))

TSA-Polysorbate-Lecithin Agar

(see Prepared Media: TSA-Tween-Lecithin-Agar)

TSB

(see Tryptone Soy Broth (TSB))

TSC Agar Base (UNE-EN 13401) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Clostridium perfringens and other anaerobics in water, foods and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract 5,0
Iron(III) Citrate 1,0
Soy Peptone 5,0
Sodium Disulphite 1,0
Tryptose 15,0
Agar 15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
415576.1210	500 g (P)	6

TSN Agar (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Clostridium perfringens.

NC: 3821 00 00

Composition (g/l):

Neomycin Sulphate 0,02
Sodium Sulphite 1,0
Yeast Extract 10,0
Iron(III) Citrate 0,5
Casein Peptone 15,0
Polymyxin B Sulphate 0,05
Agar 13,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
413833.1210	500 g (P)	6
413833.0914	5 kg (PP)	

Urea Agar Base (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Urea 20,0
D(+)-Glucose 1,0
Gelatine Peptone 1,0
Potassium di-Hydrogen Phosphate 2,0
Phenol Red 0,012
Sodium Chloride 5,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413821.1210	500 g (P)	6
413821.0914	5 kg (PP)	

Urea Broth Base (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Urea 20,0
Yeast Extract 0,1
Potassium di-Hydrogen Phosphate 9,1
Phenol Red 0,01
di-Sodium Hydrogen Phosphate 9,5

pH: 6,8±0,2

Order code	Package	Units/Box st.
413822.1210	500 g (P)	6
413822.0914	5 kg (PP)	

Urea Indole Broth (Dehydrated Culture Media) CULTIMED

Culture media for the identification of Enterobacteria.

NC: 3821 00 00

Composition (g/l):

Urea 20,0
Potassium di-Hydrogen Phosphate 1,0
di-Potassium Hydrogen Phosphate 1,0
Phenol Red 0,025
Sodium Chloride 5,0
L-Tryptophan 3,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
414705.1210	500 g (P)	6
414705.0914	5 kg (PP)	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

Bile Salts Mixture 1,5
Crystal Violet 0,002
Neutral Red 0,03
D(+)-Glucose 10,0
Yeast Extract 3,0
Gelatine Peptone 7,0
Sodium Chloride 5,0
Agar 15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413745.1208	100 g (P)	6
413745.1210	500 g (P)	6
413745.0914	5 kg (PP)	

Violet Red Bile Lactose Agar (VRBL) (ISO 4832) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00

Composition (g/l):

Bile Salts nº 3 1,5
Crystal Violet 0,002
Neutral Red 0,03
Lactose 10,0
Yeast Extract 3,0
Gelatine Peptone 7,0
Sodium Chloride 5,0
Agar 15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413746.1208	100 g (P)	6
413746.1210	500 g (P)	6
413746.0914	5 kg (PP)	

Violet Red Bile Lactose and Glucose Agar (VRBLG) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Enterobacteriaceae according Ph Eur

NC: 3821 00 00

Composition (g/l):

Yeast Extract	3,0
Gelatine Peptone	7,0
Bile Salts nº 3	1,5
D(+)-Glucose	10,0
Lactose	10,0
Sodium Chloride	5,0
Neutral Red	0,03
Crystal Violet	0,002
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
416255.1210	500 g (P)	6

Vogel-Johnson Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Staphylococcus mannitol-positive.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
Glycine	10,0
Lithium Chloride	5,0
D(-)-Mannitol	10,0
di-Potassium Hydrogen Phosphate	5,0
Phenol Red	0,025
Tryptone	10,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413825.1210	500 g (P)	6
413825.0914	5 kg (PP)	

VRBG Agar

(see Violet Red Bile Glucose Agar (VRBG))

VRBL Agar

(see Violet Red Bile Lactose Agar (VRBL))

VRBLG Agar

(see Violet Red Bile Lactose and Glucose Agar (VRBLG))

Wilkins-Chalgren Agar (Dehydrated Culture Media) CULTIMED

Culture media for the cultivation and antimicrobial susceptibility testing of anaerobic bacteria.

NC: 3821 00 00

Composition (g/l):

L-Arginine	1,0
Yeast Extract	5,0
D(+)-Glucose	1,0
Hemin	0,005
Peptone	10,0
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Tryptone	10,0
Vitamin K_1	0,005
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
414715.1210	500 g (P)	6

Wilkins-Chalgren Modified Agar (Dehydrated Culture Media) CULTIMED

Culture media for the Anaerobic and Staphylococcus impedancimetry

NC: 3821 00 00

Composition (g/l):

L-Arginine	1,0
Yeast Extrat	5,0
D(+)-Glucose	41,0
Hemine	0,005
Trypticase Peptone	10,0
Gelatine Peptone	10,0
Gelatine	8,0
Ammonium Sulphate	5,0
Calcium Chloride	0,1
Iron Sulphate	0,1
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Sodium Hydrogen Carbonate	1,0
Agar	0,3

pH: 7,1±0,2

Order code	Package	Units/Box st.
416188.1210	500 g (P)	6

Wilkins-Chalgren Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation and antimicrobial susceptibility (MIC) testing of anaerobic bacteria.

NC: 3821 00 00

Composition (g/l):

L-Arginine	1,0
Yeast Extract	5,0
D(+)-Glucose	1,0
Hemin	0,005
Tryptone	10,0
Bacteriological Peptone	10,0
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Vitamin K_1	0,005

pH: 7,1±0,2

Order code	Package	Units/Box st.
415433.1210	500 g (P)	6

Wilson Blair Agar

(see Bismuth Sulphite Agar)

WL Differential Agar (Dehydrated Culture Media) CULTIMED

Media for the differential cultivation of bacteria in the brewing processes and other fermentation industries.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride	0,125
Cycloheximide	0,004
Yeast Extract	4,0
D(+)-Glucose	50,0
Iron(III) Chloride	0,0025
Magnesium Sulphate	0,125
Manganese(II) Sulphate	0,0025
Tryptone	5,0
Potassium Chloride	0,425
Potassium di-Hydrogen Phosphate	0,55
Bromocresol Green	0,022
Agar	20,0

pH: 5,5±0,2

Order code	Package	Units/Box st.
413843.1210	500 g (P)	6
413843.0914	5 kg (PP)	

WL Nutrient Agar (Dehydrated Culture Media) CULTIMED

Culture media for the determination of microbian flora in the brewing processes and other fermentation industries.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride	0,125
Yeast Extract	4,0
D(+)-Glucose	50,0
Iron(III) Chloride	0,0025
Magnesium Sulphate	0,125
Manganese(II) Sulphate	0,0025
Potassium Chloride	0,425
Potassium di-Hydrogen Phosphate	0,55
Tryptone	5,0
Bromocresol Green	0,022
Agar	15,0

pH: 5,5±0,2

Order code	Package	Units/Box st.
413791.1210	500 g (P)	6
413791.0914	5 kg (PP)	

XLD Agar (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Salmonella and Shigella according ISO 6579:2002

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	0,8
Yeast Extract	3,0
Lactose	7,5
L-Lysine	5,0
Phenol Red	0,08
Saccharose	7,5
Sodium Chloride	5,0
Sodium Desoxycholate	1,0
Sodium Thiosulphate	6,8
D(+)-Xylose	3,75
Agar	13,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
416270.1210	500 g (P)	6

XLD Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Salmonella and Shigella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	0,8
Yeast Extract	3,0
Lactose	7,5
L-Lysine	5,0
Phenol Red	0,08
Saccharose	7,5
Sodium Chloride	5,0
Sodium Desoxycholate	2,5
Sodium Thiosulphate	6,8
D(+)-Xylose	3,5
Agar	13,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
413826.1208	100 g	6
413826.1210	500 g	6
413826.0914	5 kg	

Yeast Extract Agar (Dehydrated Culture Media) CULTIMED

Media for the culture of moulds and yeast.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
D(+)-Glucose	10,0
Agar	20,0

pH: 6,5±0,2

Order code	Package	Units/Box st.
413897.1210	500 g	6

PREPARED MEDIA

PREPARED PLATES FOR WATER ANALYSIS THROUGH MEMBRANE FILTRATION

CCA Coliforms, Chromogenic Agar (Prepared Plate (Ø 55 mm))

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Peptone	3,0
Sodium Chloride	5,0
Monosodium Phosphate	2,2
Disodium Phosphate	2,7
Sodium Pyruvate	1,0
L-Tryptofan	1,0
Agar	10,0
Sorbitol	1,0
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,15
Cefsulodin	0,005
Vancomycin	0,005
Chromogenic β GLU Susbstrate	0,2
Chromogenic Salmon GAL Substrate	0,2

pH: 6,8±0,2

Order code	Package	Units/Box st.
446910.0922	30 dishes	6

m-CP Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the enumeration of C. perfringens (spores included) from surface and drinking water.

NC: 3821 00 00

Composition (g/l):

D-Cycloserine	0,4
L-Cysteine mono-Hydrochloride 1-hydrate.	1,0
Yeast Extract	20,0
Phenolphthalein di-Phosphate sol. 0,5%	20,0
Iron(III) Chloride 6-hydrate sol. 4,5%	2,0
3-Indoxyl-β-D-Glucopyranoside 3-hydrate.	0,06
Magnesium Sulphate 7-hydrate	0,1
Polymyxin B Sulphate	0,025
Bromocresol Purple	0,04
Saccharose	5,0
Tryptose	30,0
Agar	15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
425463.0922	12 dishes and filters	

m-CP Agar (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the enumeration of C. perfringens (spores included) from surface and drinking water.

NC: 3821 00 00

Composition (g/l):

D-Cycloserine	0,4
L-Cysteine mono-Hydrochloride 1-hydrate.	1,0
Yeast Extract	20,0
Phenolphthalein di-Phosphate sol. 0,5%	20,0
Iron(III) Chloride 6-hydrate sol. 4,5%	2,0
3-Indoxyl-β-D-Glucopyranoside 3-hydrate.	0,06
Magnesium Sulphate 7-hydrate	0,1
Polymyxin B Sulphate	0,025
Bromocresol Purple	0,04
Saccharose	5,0
Tryptose	30,0
Agar	15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
445463.0922	12 dishes	

Nutrient Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):

Meat Extract	3,0
Meat Peptone	5,0
Agar	12,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
423792.0922	30 dishes and filters	

Nutrient Agar (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):

Meat Extract	3,0
Meat Peptone	5,0
Agar	12,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
443792.0922	30 dishes	

Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,2
Nalidixic Acid	0,015
Glycerol	10,0
Magnesium Chloride	1,4
Casein Peptone	10,0
Gelatine Peptone	16,0
Potassium Sulphate	10,0
Agar	11,0

pH:7,2±0,2

Order code	Package	Units/Box st.
423752.0922	30 dishes and filters	

Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,2
Nalidixic Acid	0,015
Glycerol	10,0
Magnesium Chloride	1,4
Casein Peptone	10,0
Gelatine Peptone	16,0
Potassium Sulphate	10,0
Agar	11,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
443752.0922	30 dishes	

R2A Agar (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the enumeration of heterotrophic bacteria in water according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Proteose Peptone	0,5
Casein Peptone	0,5
Yeast Extract	0,5
Glucose	0,5
Starch soluble	0,5
Sodium Pyruvate	0,3
di-Potassium Hydrogen Phosphate	0,3
Magnesium Sulphate	0,024
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
446197.0922	30 dishes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
423842.0922	30 dishes and filters	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
443842.0922	30 dishes	

Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the detection and enumeration of Enterococci in water and foods.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Yeast Extract	5,0
D(+)-Glucose	2,0
di-Potassium Hydrogen Phosphate	4,0
Sodium Azide	0,4
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,1
Tryptose	20,0
Agar	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
423812.0922	30 dishes and filters	

Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of Enterococci in water and foods.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Yeast Extract	5,0
D(+)-Glucose	2,0
di-Potassium Hydrogen Phosphate	4,0
Sodium Azide	0,4
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,1
Tryptose	20,0
Agar	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
443812.0922	30 dishes	

SPS Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00

Composition (g/l):

Sodium Sulphite	0,5
Polymyxin B Sulphate	0,01
Sodium Sulfadiazine	0,12
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Agar	13,9

pH: 7,0±0,2

Order code	Package	Units/Box st.
424125.0922	30 dishes and filters	

SPS Agar (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00

Composition (g/l):

Sodium Sulphite	0,5
Polymixin B Sulphate	0,01
Sodium Sulfadiazine	0,12
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Agar	13,90

pH: 7,0±0,2

Order code	Package	Units/Box st.
444125.0922	30 dishes	

TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 9308-1:2000

NC: 3821 00 00

Composition (g/l):

Tryptone	17,0
Peptone	3,0
Bile Salts	1,5
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
426262.0922	30 dishes and filters	

TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 9308-1:2000

NC: 3821 00 00

Composition (g/l):

Tryptone	17,0
Peptone	3,0
Bile Salts	1,5
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
446262.0922	30 dishes	

Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the detection and enumeration of total and faecal Coliforms in water by the membrane filter method.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue	0,05
Yeast Extract	6,0
Meat Extract	5,0
Lactose	20,0
Peptone	10,0
Sodium Heptadecyl Sulphate	0,1
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,025
Agar	17,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
424955.0922	30 dishes and filters	

Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of total and faecal Coliforms in water by the membrane filter method.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue	0,05
Yeast Extract	6,0
Meat Extract	5,0
Lactose	20,0
Peptone	10,0
Sodium Heptadecyl Sulphate	0,1
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,025
Agar	17,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
444955.0922	30 dishes	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the enumeration of microorganism in water according to ISO 6222:1999.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
426106.0922	30 dishes and filters	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the enumeration of microorganism in water according to ISO 6222:1999.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
446106.0922	30 dishes	

TSC Agar (UNE-EN 13401) (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of Clostridium perfringens and other anaerobics in water, foods and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
Iron(III) Citrate	1,0
Soy Peptone	5,0
Sodium Disulphite	1,0
Tryptose	15,0
Cycloserine	0,4
Agar	14,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
445576.0922	30 dishes	

CONTACT PLATES FOR HYGIENE SURFACE CONTROL

Baird-Parker Agar (ISO 6888) (Contact Plate) CULTIMED

Selective culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Egg-Yolk Emulsion	47,0
Meat Extract	5,0
Yeast Extract	1,0
Glycine	12,0
Lithium Chloride	5,0
Potassium Tellurite	0,1
Sodium Pyruvate	10,0
Tryptone	10,0
Agar	20,5

pH: 6,9±0,2

Order code	Package	Units/Box st.
433744.0922	30 dishes	

Cetrimide Agar (Ph. Eur.) (Contact Plate) CULTIMED

Culture media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,3
Glycerol	10,0
Magnesium Chloride	1,4
Gelatine Peptone	20,0
Potassium Sulphate	10,0
Agar	13,6

pH: 7,2±0,2

Order code	Package	Units/Box st.
436256.0922	30 dishes	

Mannitol Salt Agar (Ph. Eur.) (Contact Plate) CULTIMED

Media for cultivation and enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Sodium Chloride	75,0
D(-)-Mannitol	10,0
Meat Extract	1,0
Meat Peptone	5,0
Phenol Red	0,025
Casein Peptone	5,0
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
433783.0922	30 dishes	

Plate Count Agar (PCA) (ISO 4833:2003) (Contact Plate) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	2,5
D(+)-Glucose	1,0
Tryptone	5,0
Agar	20,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
433799.0922	30 dishes	

Rose Bengal Chloramphenicol Agar (Contact Plate) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate	0,5
Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	20,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
434855.0922	30 dishes	

Sabouraud Glucose Agar (Contact Plate) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Peptone	10,0
Agar	20,5

pH: 5,6±0,2

Order code	Package	Units/Box st.
433802.0922	30 dishes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Contact Plate) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Peptones Mixture	10,0
Agar	20,5

pH: 5,6±0,2

Order code	Package	Units/Box st.
433842.0922	30 dishes	

Tryptone Soy Agar (TSA) (Ph. Eur.) (Contact Plate) CULTIMED

Media for the cultivation and maintenance of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):
Soy Peptone....5,0
Casein Peptone....15,0
Sodium Chloride....5,0
Agar....20,5
pH: 7,3±0,2

Order code	Package	Units/Box st.
433819.0922	30 dishes	

TSA-Tween-Lecithin-Agar (Ph. Eur.) (Contact Plate) CULTIMED

Recommended culture media for the detection and enumeration of a wide variety of microorganisms. The presence of Lecithin and Tween neutralizes the antimicrobial activity, thus permitting the detection of pathogens on surfaces containing: Aldehydes, phenolic derivatives or quaternary ammonium salts.

NC: 3821 00 00

Composition (g/l):
Polysorbate 80....5,0
Lecithin....0,7
Histidine....1,0
Casein Peptone....15,0
Soy Peptone....5,0
Sodium Chloride....5,0
Sodium Thiosulphate....0,5
Agar....15,0
pH: 7,3±0,2

Order code	Package	Units/Box st.
435095.0922	30 dishes	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Contact Plate) CULTIMED

Culture media for the enumeration of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):
Bile Salts Mixture....1,5
Crystal Violet....0,002
Neutral Red....0,03
D(+)-Glucose....10,0
Yeast Extract....3,0
Gelatine Peptone....7,0
Sodium Chloride....5,0
Agar....20,5
pH: 7,4±0,2

Order code	Package	Units/Box st.
433745.0922	30 dishes	

Violet Red Bile Lactose Agar (VRBL) (Contact Plate) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00

Composition (g/l):
Bile Salts Mixture....1,5
Crystal Violet....0,002
Neutral Red....0,03
Lactose....10,0
Yeast Extract....3,0
Meat Peptone....7,0
Sodium Chloride....5,0
Agar....15,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
433746.0922	30 dishes	

PREPARED PLATES (Ø 90 mm)

Bacillus Cereus according to Mossel Agar Base (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration and isolation of Bacillus Cereus according Mossel

NC: 3821 00 00

Composition (g/l):
Phenol Red....0,025
D(-)-Mannitol....10,0
Polymyxin B....0,1
Casein Peptone....10,0
Egg Yolk Emulsion....100
Meat Extract....1,0
Sodium Chloride....10,0
Agar....12,0
pH: 7,1±0,2

Order code	Package	Units/Box st.
456271.0922	20 dishes	

Baird-Parker Agar (ISO 6888) (Prepared Plate (Ø 90 mm)) CULTIMED

Selective culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):
Egg Yolk Emulsion....47,0
Meat Extract....5,0
Yeast Extract....1,0
Glycine....12,0
Lithium Chloride....5,0
Potassium Tellurite....0,1
Sodium Pyruvate....10,0
Tryptone....10,0
Agar....20,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
453744.0922	20 dishes	

BCYE without Cysteine Agar (ISO 11731) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the cultivation and isolation of Legionella.

NC: 3821 00 00

Composition (g/l):
ACES....10,0
Charcoal Activated....2,0
Yeast Extract....10,0
Iron Pyrophosphate....0,25
α-Ketoglutarate....1,0
Potassium Hydroxide....2,8
Agar....15,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
456267.0922	20 dishes	

BCYEx Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the cultivation and isolation of Legionella.

NC: 3821 00 00

Composition (g/l):
ACES....10,0
Charcoal Activated....2,0
L-Cysteine mono-Hydrochloride....0,4
Yeast Extract....10,0
Iron Pyrophosphate....0,25
α-Ketoglutarate....1,0
Potassium Hydroxide....2,8
Agar....15,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
456266.0922	20 dishes	

Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the presumptive identification of Enterococci

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):
Ox Bile....10,0
Esculin....1,0
Sodium Azide....0,15
Yeast Extract....5,0
Iron(III) Citrate....0,5
Peptone....3,0
Sodium Chloride....5,0
Tryptone....17,0
Agar....15,0
pH: 7,1±0,2

Order code	Package	Units/Box st.
455523.0922	20 dishes	

Brilliant Green Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the isolation of Salmonella

NC: 3821 00 00

Composition (g/l):
Brilliant Green....0,0125
Yeast Extract....3,0
Lactose....10,0
Meat Peptone....5,0
Casein Peptone....5,0
Phenol Red....0,08
Saccharose....10,0
Sodium Chloride....5,0
Agar....15,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
453823.0922	20 dishes	

Cetrimide Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,3
Glycerol	10,0
Magnesium Chloride	1,4
Gelatine Peptone	20,0
Potassium Sulphate	10,0
Agar	13,6

pH: 7,2±0,2

Order code	Package	Units/Box st.
456256.0922	20 dishes	

E.coli, Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Chromogenic mixture	0,36
Bacteriological Peptone	3,0
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Sorbitol	1,0
Phosphate Buffer	4,9
Tergitol-7	0,1
Tryptophan	1,0
Agar	10,0

pH: 6,8 ±0,2

Order code	Package	Units/Box st.
456109.0952	10 dishes	

EMB Agar acc. to Levine (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and differentiation of enteric bacilli and Coliform microorganisms.

NC: 3821 00 00

Composition (g/l):

Eosin Yellowish	0,4
Methylene Blue	0,065
Lactose	10,0
Gelatine Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
453763.0922	20 dishes	

Hektoen Enteric Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the isolation and differentiation of Enterobacteriaceae pathogens in various materials. It is indicated for the differentiation of Salmonella and Shigella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	1,5
Bromothymol Blue	0,05
Yeast Extract	3,0
Fuchsin Acid	0,08
Lactose	14,0
Meat Peptone	15,0
Saccharose	14,0
Bile Salts	2,0
D(-)-Salicin	2,0
Sodium Chloride	5,0
Sodium Thiosulphate	5,0
Agar	13,5

pH: 7,6±0,2

Order code	Package	Units/Box st.
453768.0922	20 dishes	

Legionella Selective Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and isolation of Legionella species from clinical and nonclinical samples.

NC: 3821 00 00

Composition (g/l):

ACES Buffer	10,0
Charcoal Activated	2,0
Cycloheximide	0,08
L-Cysteine Chloride	0,4
Yeast Extract	10,0
Glycine	3,0
Iron Pyrophosphate	0,25
α-Ketoglutarate	1,0
Polymyxin B Sulphate	80.000 IU
Potassium Hydroxide	2,8
Vancomycin	0,001
Agar	16,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
455378.0922	20 dishes	

Listeria Chromogenic Agar (ISO 11290-1:2004) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the study of Coliforms organisms.

NC: 3821 00 00

Composition (g/l):

Meat Peptone	18,00
Lithium Chloride	10,00
Yeast Extract	10,00
Tryptone	6,00
Sodium Chloride	5,00
di-Sodium Hidrogen Phosphate anhydrous	2,50
Glucose	2,00
Sodium Pyruvate	2,00
Magnesium glycerophosphate	1,00
Magnesium Sulphate	0,50
X-Glucoside	0,05
Lipase C Sustrat	1,0
Cicloheximide	0,10
Ceftazimide	0,02
Nalidixic Acid	0,02
Polymixine B	76700 IU
Bacteriological Agar	13,50

pH: 7,2±0,2

Order code	Package	Units/Box st.
456891.0952	10 dishes	

MacConkey Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the study of Coliforms organisms.

NC: 3821 00 00

Composition (g/l):

Lactose	10,0
Peptones (meat and casein)	3,0
Neutral Red	0,03
Bile Salts nº 3	1,5
Gelatine Peptone	17,0
Sodium Chloride	5,0
Crystal Violet	0,001
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
453779.0922	20 dishes	

MacConkey Sorbitol Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Selective culture media used in the E. coli investigation

NC: 3821 00 00

Composition (g/l):

D-Sorbitol	10,0
Peptone	20,0
Bile Salts n. 3	1,5
Neutral Red	0,03
Sodium Chloride	5,0
Crystal Violet	0,001
Cefixime	0,00005
Potassium Tellurite	0,0025
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
455641.0922	20 dishes	

Mannitol Salt Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for cultivation and enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Sodium Chloride	75,0
D(-)-Mannitol	10,0
Meat Extract	1,0
Meat Peptone	5,0
Phenol Red	0,025
Casein Peptone	5,0
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
453783.0922	20 dishes	

Nutrient Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):

Meat Extract	3,0
Meat Peptone	5,0
Agar	12,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
453792.0922	20 dishes	

OGYE Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the isolation, enumeration and cultivation of yeast and fungi

NC: 3821 00 00

Composition (g/l):

Oxytetracycline	0,1
Yeast Extract	5,0
Biotin	0,0001
D(+)-Glucose	20,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
456082.0922	20 dishes	

PALCAM Agar (ISO 11290-1:1996) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the selective isolation, cultivation and differentiation of Listeria monocytogenes and other Listeria species from foods.

NC: 3821 00 00

Signal Word: Warning

H319-H315

Composition (g/l):

Polymyxin B Sulphate	0,01
Acriflavine Chloride	0,005
Lithium Chloride	15,0
Ceftazidim	0,02
Esculin	0,8
D(-)-Mannitol	10,0
D(+)-Glucose	0,5
Starch	1,0
Ammonium Iron(III) Citrate	0,5
Peptone	23,0
Yeast Extract	3,0
Phenol Red	0,08
Sodium Chloride	5,0
Agar	13,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
455380.0922	20 dishes	

Plate Count Agar (ISO 4833:2003) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	2,5
D(+)-Glucose	1,0
Casein Peptone	5,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
453799.0922	20 dishes	

Rose Bengal Chloramphenicol Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate	0,5
Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	15,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
454855.0922	20 dishes	

Sabouraud Glucose Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
453802.0922	20 dishes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
453842.0922	20 dishes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (irradiated) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
456213.0922	20 dishes	

Salmonella Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00

Composition (g/l):

Chromogenic mixture	0,28
IPTG	0,03
Casein Peptone	5,0
Meat Extract	5,0
Ferric Ammonium Citrate	0,5
Sodium Citrate	8,5
Sodium Desoxicolate	5,0
Bacteriological Agar	12,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
456110.0952	10 dishes	

Salmonella Shigella Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Selective medium for the isolation of Shigella and Salmonella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	1,0
Ox Bile	8,5
Lactose	10,0
Peptone	10,0
Neutral Red	0,025
tri-Sodium Citrate	10,0
Sodium Thiosulphate	8,5
Brilliant Green	0,0003
Agar	12,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
453805.0922	20 dishes	

Staphylococcus Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00

Composition (g/l):

Peptone Mixture	11,00
Growth Factors	78,00
Chromogenic Substrate	1,90
Cefoxitin	4 mg
Bacteriological Agar	12,50

pH:7,2±0,2

Order code	Package	Units/Box st.
456892.0952	10 dishes	

Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and enumeration of Enterococci in water and foods.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Yeast Extract	5,0
D(+)-Glucose	2,0
Casein Peptone	15,0
Soy Peptone	5,0
di-Potassium Hydrogen Phosphate	4,0
Sodium Azide	0,4
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,1
Agar	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
453812.0922	20 dishes	

SPS Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00

Composition (g/l):

Sodium Sulphite	0,5
Polymyxin B Sulphate	0,01
Sodium Sulfadiazine	0,12
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Agar	13,90

pH: 7,0±0,2

Order code	Package	Units/Box st.
454125.0922	20 dishes	

TBX Agar (ISO 16649-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00

Composition (g/l):

Casein Peptone	20,0
Bile Salts	1,5
X-β-D-Glucuronide	0,075
Bacteriological Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
456220.0952	10 dishes	

Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and enumeration of total and faecal Coliforms in water by the membrane filter method.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue	0,03
Yeast Extract	3,0
Lactose	10,0
Peptone	5,0
Sodium Heptadecyl Sulphate	0,1
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,04
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
454955.0922	20 dishes	

Tryptone Soy Agar (TSA) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and maintenance of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Soy Peptone	5,0
Casein Peptone	15,0
Sodium Chloride	5,0
Agar	15,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
453819.0922	20 dishes	

TSA-Tween-Lecithin-Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Recommended culture media for the detection and enumeration of a wide variety of microorganisms. The presence of Lecithin and Tween neutralizes the antimicrobial activity, thus permitting the detection of pathogens on surfaces containing: Aldehydes, phenolic derivatives or quaternary ammonium salts.

NC: 3821 00 00

Composition (g/l):

Polysorbate 80	5,0
Lecithin	0,7
Histidine	1,0
Casein Peptone	15,0
Soy Peptone	5,0
Sodium Chloride	5,0
Sodium Thiosulphate	0,5
Agar	15,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
455095.0922	20 dishes	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the cultivation and enumeration of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

Bile Salts Mixture	1,5
Crystal Violet	0,002
Neutral Red	0,03
D(+)-Glucose	10,0
Yeast Extract	3,0
Gelatine Peptone	7,0
Sodium Chloride	5,0
Agar	13,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
453745.0922	20 dishes	

Violet Red Bile Lactose Agar (VRBL) (Prepared Plate (Ø 90 mm)) CULTIMED

Selective and differential media for the detection and enumeration of Coliforms in milk and dairy products. Also it is used in water and foodstuffs.

NC: 3821 00 00

Composition (g/l):

Bile Salts Mixture	1,5
Crystal Violet	0,002
Neutral Red	0,03
Lactose	10,0
Yeast Extract	3,0
Gelatine Peptone	7,0
Sodium Chloride	5,0
Agar	12,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
453746.0922	20 dishes	

XLD Medium (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the isolation of pathogenic Enterobacteriaceae, specially Salmonella and Shigella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	0,8
Yeast Extract	3,0
Lactose	7,5
L-Lysine	5,0
Phenol Red	0,08
Saccharose	7,5
Sodium Chloride	5,0
Sodium Desoxycholate	2,5
Sodium Thiosulphate	6,8
D(+)-Xylose	3,5
Agar	13,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
453826.0922	20 dishes	

PREPARED TUBES

Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Tubes) CULTIMED

Culture media for the presumptive identification of Enterococci

NC: 3821 00 00

Signal Word: Warning

H302-H412

Composition (g/l):
Ox Bile 10,0
Esculin 1,0
Sodium Azide 0,15
Yeast Extract 5,0
Iron(III) Citrate 0,5
Peptone 3,0
Sodium Chloride 5,0
Tryptone 17,0
Agar 15,0
pH:7,1±0,2

Order code	Package	Units/Box st.
465523.0922	15 tubes	

Brilliant Green Bile 2% Broth (Prepared Tubes) CULTIMED

Culture media for the detection and enumeration of Coliforms in materials of sanitary significance.

NC: 3821 00 00

Composition (g/l):
Ox Bile, Dehydrated 20,0
Brilliant Green 0,0133
Lactose 10,0
Peptone 10,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
463748.0922	20 tubes with bell	

Brilliant Green Bile 2% Broth (2X) (Prepared Tubes) CULTIMED

Culture media for the detection and enumeration of Coliforms in materials of sanitary significance.

NC: 3821 00 00

Composition (g/l):
Ox Bile, Dehydrated 40,0
Brilliant Green 0,0266
Lactose 20,0
Peptone 20,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
465447.0922	15 tubes with bell	

Buffered Peptone Water (ISO 6579:2002) (Prepared Tubes) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3821 00 00

Composition (g/l):
Casein Peptone 10,0
Sodium Chloride 5,0
di-Sodium Phosphate 12-hydrate 9,0
mono-Potassium Phosphate 1,5
pH: 7,0±0,2

Order code	Package	Units/Box st.
463795.0922	20 tubes	

Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Tubes) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3504 00 90

Composition (g/l):
Peptone 1,00
Potassium di-Hydrogen Phosphate 3,56
Sodium Chloride 4,30
di-Sodium Hydrogen Phosphate 7,23
pH: 7,0±0,2

Order code	Package	Units/Box st.
464944.0922	20 tubes	

EC Medium (Prepared Tubes) CULTIMED

Culture media for the cultivation and differentiation of Coliform bacterias and of Escherichia coli in water, foods and other specimens.

NC: 3821 00 00

Composition (g/l):
Lactose 5,0
Casein Peptone 20,0
Potassium di-Hydrogen Phosphate 1,5
di-Potassium Hydrogen Phosphate 4,0
Bile Salts 1,5
Sodium Chloride 5,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
463761.0922	20 tubes with bell	

EE Broth (Ph. Eur.) (Prepared Tubes) CULTIMED

Culture media used for the enrichment of Enterobacteria.

NC: 3821 00 00

Composition (g/l):
Ox bile 20,0
D(+)-Glucose 5,0
Gelatine Peptone 10,0
Potassium di-Hydrogen Phosphate 2,0
di-Sodium Hydrogen Phosphate 8,0
Brilliant Green 0,015
pH: 7,2±0,2

Order code	Package	Units/Box st.
463829.0922	20 tubes	

Giolitti-Cantoni Broth (Prepared Tubes) CULTIMED

Culture media for the detection of Staphylococcus aureus in food samples.

NC: 3821 00 00

Composition (g/l):
Meat Extract 5,0
Yeast Extract 5,0
Glycine 1,2
Lithium Chloride 5,0
D(-)-Mannitol 20,0
Casein Peptone 10,0
Potassium Tellurite 0,052
Sodium Chloride 5,0
Sodium Pyruvate 3,0
pH: 7,1±0,2

Order code	Package	Units/Box st.
463765.0922	15 tubes	

Kanamycin Esculin Azide Broth (CeNAN) (Prepared Tubes) CULTIMED

Media for the isolation, cultivation, enumeration and confirmation of Enterococci from foods, water and other biological specimens.

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):
Kanamycin Sulphate 0,02
Esculin 1,0
Sodium Azide 0,15
Ammonium Iron(III) Citrate 0,5
Yeast Extract 5,0
Sodium Chloride 5,0
di-Sodium Hydrogen Citrate 1,0
Tryptone 20,0
pH: 7,1±0,2

Order code	Package	Units/Box st.
464695.0922	20 tubes	

Kligler Iron Agar (Prepared Tubes) CULTIMED

Media for the differentiation and identification of Gram-negative enteric bacilli based on sugar fermentation (glucose and lactose) and Hydrogen Sulphide production.

NC: 3821 00 00

Composition (g/l):
Iron(III) Citrate 0,3
Meat Extract 3,0
Yeast Extract 3,0
D(+)-Glucose 1,0
Lactose 10,0
Peptone 20,0
Phenol Red 0,05
Sodium Chloride 5,0
Sodium Thiosulphate 0,3
Agar 12,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
463769.0922	20 tubes	

Lactosed Broth (Ph. Eur.) (Prepared Tubes) CULTIMED

Medium for the detection of Coliforms, specially E.coli, and other lactose-fermenters, in water, milk and food specimens.

NC: 3821 00 00

Composition (g/l):

Lactose	5,0
Meat Extract	3,0
Gelatine Peptone	5,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
463776.0922	20 tubes with bell	

Lactose Sulphite, Medium (Ph. Eur.) (Prepared Tubes) CULTIMED

Media for the presumptive test for Clostridium according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Lactose	10,0
Sodium meta-Bisulphite	0,7
Tryptone	5,0
Yeast Extract	2,5
Sodium Chloride	2,5
L-Cystein	0,3
Ammonium Iron(III) Citrate	0,5

pH: 7,1±0,2

Order code	Package	Units/Box st.
466254.0922	20 tubes with bell	

Lauryl Tryptose Broth (Prepared Tubes) CULTIMED

Culture media for the enumeration and detection of Coliforms in water, milk and other food products.

NC: 3821 00 00

Composition (g/l):

Sodium Dodecyl Sulphate	0,10
Tryptose	20,0
Lactose	5,0
Potassium di-Hydrogen Phosphate	2,75
di-Potassium Hydrogen Phosphate	2,75
Sodium Chloride	5,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
463827.0922	20 tubes with bell	

Lauryl Tryptose Broth (2X) (Prepared Tubes) CULTIMED

Culture media for the enumeration and detection of Coliforms in water, milk and other food products.

NC: 3821 00 00

Composition (g/l):

Sodium Dodecyl Sulphate	0,20
Tryptose	40,0
Lactose	10,0
Potassium di-Hydrogen Phosphate	5,5
di-Potassium Hydrogen Phosphate	5,5
Sodium Chloride	10,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
465445.0922	15 tubes with bell	

Letheen Broth (modified) (Prepared Tubes) CULTIMED

Culture media for the determination of the antimicrobial activity of quaternary ammonium compounds.

NC: 3821 00 00

Composition (g/l):

Meat Extract	5,0
Yeast Extract	2,0
Lecithin	0,7
Casein Peptone	15,0
Meat Peptone	10,0
Sodium Chloride	10,0
Sodium Bisulphite	0,1
Tween	5,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
465382.0922	20 tubes	

Fraser Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED

Culture media for secondary enrichment of Listeria monocytogenes

NC: 3821 00 00

Composition (g/l):

Esculin	1,0
Yeast Extract	5,0
Lithium Chloride	3,0
Potassium di-Hydrogen Phosphate	1,35
Meat Peptone	5,0
Sodium Chloride	20,0
di-Sodium Phosphate	12,0
Tryptone	5,0
Meat Extrat	5,0
Ammonium Iron(III) Citrate	0,5
Nalidixic Acid	0,02
Acryflavine	0,025

pH: 7,1±0,2

Order code	Package	Units/Box st.
466268.0922	20 tubes	

Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED

Culture media for primary enrichment of Listeria monocytogenes

NC: 3821 00 00

Composition (g/l):

Meat Peptone	5,0
Casein Peptone	5,0
Yeast Extract	5,0
Meat Extract	5,0
Sodium Chloride	20,0
di-Sodium Phosphate	12,0
Monopotassium Phosphate	1,35
Esculin	1,0
Lithium Chloride	3,0
Ammonium Iron(III) Citrate	0,5
Nalidixic Acid	0,01
Acryflavine	0,012

pH: 7,2±0,2

Order code	Package	Units/Box st.
466269.0922	20 tubes	

Lysine Iron Agar (Prepared Tubes) CULTIMED

Media for the cultivation and differentiation of Salmonella and Arizona, based on Lysine decarboxilation.

NC: 3821 00 00

Composition (g/l):

Iron(III) Citrate	0,5
L-Lysine	10,0
Yeast Extract	3,0
D(+)-Glucose	1,0
Peptone	5,0
Bromocresol Purple	0,02
Sodium Thiosulphate	0,04
Agar	12,0

pH: 6,7±0,2

Order code	Package	Units/Box st.
463770.0922	20 tubes	

M-Cetrimide (3 ml ampoules) CULTIMED

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,3
Glycerol	12,5
Magnesium Chloride	1,4
Gelatine Peptone	20,0
Potassium Sulphate	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
466885.0922	50x3 ml	

M-Endo (3 ml ampoules) CULTIMED

NC: 3821 00 00

Composition (g/l):

Yeast extract	1,5
Caseine Peptone	5
Thiopeptone	5
Tryptose	10
Lactose	12,5
Sodium Desoxicholate	0,1
di-Potassium Hydrogen Phosphate	4,38
Potassium di-Hydrogen Phosphate	1,38
Sodium Chloride	5
Sodium Sulphite	2,1
Sodium Dodecyl Sulphate	0,05
Fuchsin Basic	1,05

pH: 7,2±0,2

Order code	Package	Units/Box st.
466890.0922	50x3 ml	

M-FC (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):
Aniline Blue....0,1
Yeast Extract....3,0
Lactose....12,5
Proteose Peptone nº 3....5,0
Bile Salt nº 3....1,5
Sodium Chloride....5,0
Tryptose....10,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
466888.0922	50x3 ml	

M-Green (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):
Dextrose....50
Yeast Extract....9
Tryptone....5
Meat Peptone....5
Magnesium Sulphate....2,1
Potasium Phosphate....2
Diastase....0,05
Thiamine....0,05
Bromocresol Green....0,026
pH: 4,6±0,2

Order code	Package	Units/Box st.
466889.0922	50x3 ml	

M-TGE (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):
Meat Extract....6,0
Tryptone....10,0
Dextrose....2,0
pH: 7,0±0,2

Order code	Package	Units/Box st.
466887.0922	50x3 ml	

M-WLD (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):
WL Nutrient Broth....60,24
Cycloheximide....0,0042
pH: 5,5±0,2

Order code	Package	Units/Box st.
466886.0922	50x3 ml	

O-F-M-I Broth (Prepared Tubes) CULTIMED

Culture media for the identification of Coliform and E.Coli

NC: 3821 00 00
Composition (g/l):
Tryptone....5,0
Sodium Chloride....5,0
Sorbitol....1,0
Tryptophan....1,0
Sodium Laurylsulphate....0,1
Potassium di-Hydrogen Phosphate....2,0
di-Potassium Hydrogen Phosphate....2,7
X-Gal....0,08
MUG....0,05
IPTG....0,1
pH: 6,8±0,2

Order code	Package	Units/Box st.
466258.0922	20 tubes	

PALCAM Broth (Prepared Tubes) CULTIMED

Culture media for the selective enrichment of Listeria.

NC: 3821 00 00
Composition (g/l):
Polymyxin B Sulphate....0,01
Acriflavine Chloride....0,005
Lithium Chloride....10,0
Ceftazidim....0,02
Esculin....0,8
D(-)-Mannitol....5,0
Ammonium Iron(III) Citrate....0,5
Peptone....23,0
Phenol Red....0,08
Yeast Extract....5,0
Soy Lecithin....1,0
Tween 80....2,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
465383.0922	20 tubes	

Peptone Water (Prepared Tubes) CULTIMED

Media for the cultivation of nonfastidious microorganisms, for the carbohydrate fermentation test and to carry out the Indole test.

NC: 3821 00 00
Composition (g/l):
Casein Peptone....10,0
Sodium Chloride....5,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
463794.0922	20 tubes	

Plate Count Agar (ISO 4833:2003) (Prepared Tubes) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00
Composition (g/l):
Yeast Extract....2,5
D(+)-Glucose....1,0
Casein Peptone....5,0
Agar....15,0
pH: 7,0±0,2

Order code	Package	Units/Box st.
463799.0922	15 tubes	

Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Prepared Tubes) CULTIMED

Enrichment broth for Salmonella.

NC: 3821 00 00
Composition (g/l):
Magnesium Chloride anhydrous....13,58
Soy Peptone....4,5
Potassium di-Hydrogen Phosphate....1,26
di-Potassium Hydrogen Phosphate....0,18
Sodium Chloride....7,2
Malachite Green....0,036
pH: 5,2±0,2

Order code	Package	Units/Box st.
464959.0922	20 tubes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Tubes) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):
D(+)-Glucose....40,0
Chloramphenicol....0,05
Casein Peptone....5,0
Meat Peptone....5,0
Agar....15,0
pH: 5,6±0,2

Order code	Package	Units/Box st.
463842.0922	20 tubes	

Selenite Cystine Broth (Prepared Tubes) CULTIMED

Media for the isolation and enrichment of Salmonella species from feces, food products and other specimens.

NC: 3821 00 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):
Sodium Hydrogen Selenite....4,00
L(-)-Cystine....0,01
Lactose....4,00
tri-Sodium Phosphate....10,00
Tryptone....5,00
pH: 7,0±0,2

Order code	Package	Units/Box st.
463809.0922	20 tubes	

SPS Agar (Prepared Tubes) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00
Composition (g/l):
Sodium Sulphite....0,5
Polymyxin B Sulphate....0,01
Sodium Sulfadiazine....0,12
Yeast Extract....10,0
Iron(III) Citrate....0,5
Casein Peptone....15,0
Agar....13,90
pH: 7,0±0,2

Order code	Package	Units/Box st.
464125.0922	20 tubes	

Thioglycollate Liquid Medium (Prepared Tubes) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests of biological samples.

NC: 3821 00 00

Composition (g/l):

Sodium Thioglycollate	0,5
L-Cystine	0,5
Yeast Extract	5,0
D(+)-Glucose	5,5
Peptone	15,0
Resazurin	0,001
Sodium Chloride	2,5
Agar	0,75

pH: 7,1±0,2

Order code	Package	Units/Box st.
463912.0922	20 tubes	

Triple Sugar Iron Agar (ISO 6579:2002) (Prepared Tubes) CULTIMED

Media for the differentiation of members of the Enterobacteriaceae based on their fermentation of glucose, lactose and/or saccharose and the production of H_2S.

NC: 3821 00 00

Composition (g/l):

Iron(III) Citrate	0,3
D(+)-Glucose	1,0
Lactose	10,0
Saccharose	10,0
Meat Extract	3,0
Yeast Extract	3,0
Meat Peptone	10,0
Casein Peptone	10,0
Phenol Red	0,024
Sodium Chloride	5,0
Sodium Thiosulphate	0,3
Agar	12,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
463771.0922	20 tubes	

Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Tubes) CULTIMED

Media for the culture of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Soy Peptone	3,0
D(+)-Glucose	2,5
Casein Peptone	17,0
di-Potassium Hydrogen Phosphate	2,5
Sodium Chloride	5,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
463820.0922	20 tubes	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Tubes) CULTIMED

Media for the enumeration of microorganism in water according to ISO 6222:1999.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
466106.0922	20 tubes	

TSC Agar (UNE-EN 13401) (Prepared Tubes) CULTIMED

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
Iron(III) Citrate	1,0
Soy Peptone	5,0
Sodium Disulphite	1,0
Tryptose	15,0
Cycloserine	0,4
Agar	14,0

pH: 7,6 ±0,2

Order code	Package	Units/Box st.
465576.0922	20 tubes	

TSN Agar (Prepared Tubes) CULTIMED

Culture media for the isolation and enumeration of Clostridium perfringens.

NC: 3821 00 00

Composition (g/l):

Neomycin Sulphate	0,05
Sodium Sulphite	1,0
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Polymyxin B Sulphate	0,02
Agar	13,5

pH: 7,2±0,2

Order code	Package	Units/Box st.
463833.0922	20 tubes	

PREPARED BOTTLES

Baird-Parker Agar (ISO 6888) (Prepared Bottles) CULTIMED

Selective culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Meat Extract	5,0
Yeast Extract	1,0
Glycine	12,0
Lithium Chloride	5,0
Sodium Pyruvate	10,0
Tryptone	10,0
Agar	20,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
493744.0922	10 x 90 ml	

Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Bottles) CULTIMED

Culture media for the presumptive identification of Enterococci.

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):

Ox Bile	10,0
Esculin	1,0
Sodium Azide	0,15
Yeast Extract	5,0
Iron(III) Citrate	0,5
Peptone	3,0
Sodium Chloride	5,0
Tryptone	17,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
495523.0922	10 x 100 ml	

Buffered Peptone Water (ISO 6579:2002) (Prepared Bottles) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3821 00 00

Composition (g/l):

Casein Peptone	10,0
Sodium Chloride	5,0
di-Sodium Phosphate 12-hydrate	9,0
mono-Potassium Phosphate	1,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
493795.0922	10 x 100 ml	
493795.0981	3x3 l	1

Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Bottles) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3504 00 90

Composition (g/l):

Casein Peptone	1,00
Potassium di-Hydrogen Phosphate	3,56
Sodium Chloride	4,30
di-Sodium Hydrogen Phosphate	7,23

pH: 7,0±0,2

Order code	Package	Units/Box st.
494944.0922	10 x 90 ml	

Cetrimide Agar (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide	0,3
Glycerol	10,0
Magnesium Chloride	1,4
Gelatine Peptone	20,0
Potassium Sulphate	10,0
Agar	13,6

pH: 7,2±0,2

Order code	Package	Units/Box st.
496256.0922	10 x 100 ml	

EE Broth (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the enrichment of Enterobacteria.

NC: 3821 00 00

Composition (g/l):

Ox bile	20,0
D(+)-Glucose	5,0
Gelatine Peptone	10,0
Potassium di-Hydrogen Phosphate	2,0
di-Sodium Hydrogen Phosphate	8,0
Brilliant Green	0,015

pH: 7,2±0,2

Order code	Package	Units/Box st.
493829.0922	10 x 100 ml	

Letheen Agar (Prepared Bottles) CULTIMED

Culture media for the determination of the antimicrobial activity of quaternary ammonium compounds.

NC: 3821 00 00

Composition (g/l):

Meat Extract	5,0
Yeast Extract	2,0
Lecithin	0,7
Casein Peptone	15,0
Meat Peptone	10,0
Sodium Chloride	10,0
Sodium Bisulphite	0,1
Tween	5,0
Agar	12,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
495379.0922	10 x 100 ml	

Letheen Broth (modified) (Prepared Bottles) CULTIMED

Culture media for the determination of the antimicrobial activity of quaternary ammonium compounds.

NC: 3821 00 00

Composition (g/l):

Meat Extract	5,0
Yeast Extract	2,0
Lecithin	0,7
Casein Peptone	15,0
Meat Peptone	10,0
Sodium Chloride	10,0
Sodium Bisulphite	0,1
Tween	5,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
495382.0922	10 x 100 ml	

Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Bottles) CULTIMED

Culture media for primary enrichment of Listeria monocytogenes

NC: 3821 00 00

Composition (g/l):

Esculin	1,0
Yeast Extract	5,0
Lithium Chloride	3,0
Potassium di-Hydrogen Phosphate	1,35
Meat Peptone	5,0
Sodium Chloride	20,0
di-Sodium Phosphate	12,0
Tryptone	5,0
Meat Extract	5,0
Ammonium Iron(III) Citrate	0,5
Nalidixic Acid	0,01
Acryflavine	0,012

pH: 7,2±0,2

Order code	Package	Units/Box st.
496269.0979	10 x 225 ml	

MacConkey Agar (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the study of Coliforms in water, milk and other materials of sanitary significance.

NC: 3821 00 00

Composition (g/l):

Lactose	10,0
Peptone	20,0
Neutral Red	0,03
Bile Salts nº 3	1,5
Sodium Chloride	5,0
Crystal Violet	0,001
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
493779.0922	10 x 100 ml	

MacConkey Broth (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the isolation and cultivation of Lactobacillus species from clinical specimens and foods.

NC: 3821 00 00

Composition (g/l):

Lactose	10,0
Gelatin Peptone	20,0
Bromocresol Purple	0,01
Biliar Salts	5,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
493780.0922	10 x 100 ml	

MRS Agar (Prepared Bottles) CULTIMED

Media for the isolation and cultivation of Lactobacillus species from clinical specimens and foods.

NC: 3821 00 00

Composition (g/l):

tri-Ammonium Citrate	2,0
Meat Extract	8,0
Yeast Extract	4,0
D(+)-Glucose	20,0
Magnesium Sulphate 7-hydrate	0,2
Manganese(II) Sulphate 4-hydrate	0,05
Bacteriological Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Sodium Acetate 3-hydrate	5,0
Tween 80	1,0
Agar	10,0

pH: 6,2±0,2

Order code	Package	Units/Box st.
493784.0922	10 x 100 ml	

Nutrient Agar (Prepared Bottles) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):

Meat Extract	3,0
Meat Peptone	5,0
Agar	12,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
493792.0922	10 x 100 ml	

Peptone Water (Prepared Bottles) CULTIMED

Media for the cultivation of nonfastidious microorganisms, for the carbohydrate fermentation test and to carry out the Indole test.

NC: 3821 00 00

Composition (g/l):

Peptone	10,0
Sodium Chloride	5,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
493794.0922	10 x 100 ml	
493794.0979	10 x 225 ml	

Peptone Water with neutralizing agents (Ph. Eur.) (Prepared Bottles) CULTIMED

Neutralising solution in the dilution of samples with antimicrobial agents.

NC: 3821 00 00

Composition (g/l):

Casein Peptone	1,00
Lecithin (egg)	0,7
Histidine	1,0
Potassium di-Hydrogen Phosphate	3,56
Sodium Chloride	4,30
di-Sodium Hydrogen Phosphate	7,23
Sodium Thiosulphate	0,5
Tween 80	5,00

pH: 7,2±0,2

Order code	Package	Units/Box st.
495425.0932	1 x 450 ml	

Plate Count Agar (ISO 4833:2003) (Prepared Bottles) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	2,5
D(+)-Glucose	1,0
Casein Peptone	5,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
493799.0922	10 x 100 ml	

Reinforced Clostridial Agar (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the enumeration of clostridia, lactobacillis and anaerobic bacteria according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Starch	1,0
L-Cysteine Hydrochloride	0,5
Meat Extract	10,0
Yeast Extract	3,0
D(+)-Glucose	5,0
Casein Peptone	10,0
Sodium Acetate	3,0
Sodium Chloride	5,0
Agar	0,5

pH: 6,8±0,2

Order code	Package	Units/Box st.
496253.0922	10 x 100 ml	

Rose Bengal Chloramphenicol Agar (Prepared Bottles) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate	0,5
Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
494855.0922	10 x 100 ml	

Sabouraud Glucose Agar (Prepared Bottles) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Peptone	10,0
Agar	20,5

pH: 5,6±0,2

Order code	Package	Units/Box st.
493802.0922	10 x 100 ml	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
493842.0922	10 x 100 ml	

Saline Peptone Water (ISO 6887-1:1999) (Prepared Bottles) CULTIMED

General diluent agent

NC: 3821 00 00

Composition (g/l):

Peptone	1,0
Sodium Chloride	8,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
496265.0922	10 x 100 ml	

SPS Agar (Prepared Bottles) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00

Composition (g/l):

Sodium Sulphite	0,5
Polymyxin B Sulphate	0,01
Sodium Sulfadiazine	0,12
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Agar	13,90

pH: 7,0±0,2

Order code	Package	Units/Box st.
494125.0922	10 x 100 ml	

Thioglycollate Liquid Medium (Prepared Bottles) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests of biological samples.

NC: 3821 00 00

Composition (g/l):

Sodium Thioglycollate	0,5
L-Cystine	0,5
Yeast Extract	5,0
D(+)-Glucose	5,5
Peptone	15,0
Resazurin	0,001
Sodium Chloride	2,5
Agar	0,75

pH: 7,1±0,2

Order code	Package	Units/Box st.
493912.0922	10 x 100 ml	

Tryptone Soy Agar (TSA) (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the cultivation and maintenance of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Soy Peptone	5,0
Casein Peptone	15,0
Sodium Chloride	5,0
Agar	20,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
493819.0922	10 x 100 ml	

Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the culture of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Soy Peptone	3,0
D(+)-Glucose	2,5
Casein Peptone	17,0
di-Potassium Hydrogen Phosphate	2,5
Sodium Chloride	5,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
493820.0922	10 x 100 ml	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Bottles) CULTIMED

Media for the enumeration of microorganisms in water according to ISO 6222:1999

NC: 3821 00 00

Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
496106.0922	10 x 100 ml	

TSC Agar (UNE-EN 13401) (Prepared Bottles) CULTIMED

Culture media for the detection and enumeration of clostridium perfringens in water, food and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
Iron(III) Citrate	1,0
Soy Peptone	5,0
Sodium Disulphite	1,0
Tryptose	15,0
Cycloserine	0,4
Agar	14,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
495576.0922	10 x 100 ml	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the enumeration of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):
Bile Salts Mixture....1,5
Crystal Violet....0,002
Neutral Red....0,03
D(+)-Glucose....10,0
Yeast Extract....3,0
Gelatine Peptone....7,0
Sodium Chloride....5,0
Agar....20,5
pH: 7,4±0,2

Order code	Package	Units/Box st.
493745.0922	10 x 100 ml	

Violet Red Bile Lactose Agar (VRBL) (Prepared Bottles) CULTIMED

Selective and differential media for the detection and enumeration of Coliforms in milk and dairy products. Also it is used in water and foodstuffs.

NC: 3821 00 00

Composition (g/l):
Bile Salts Mixture....1,5
Crystal Violet....0,002
Neutral Red....0,03
Lactose....10,0
Yeast Extract....3,0
Gelatine Peptone....7,0
Sodium Chloride....5,0
Agar....12,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
493746.0922	10 x 100 ml	

SLIDES FOR HYGIENE CONTROL

Slide PCA/PCA CULTIMED

Culture media for the total enumeration of aerobes

NC: 3821 00 00

Composition (g/l) (Side 1 and 2):
Tryptone....5,0
Yeast Extract....2,5
D(+)-Glucose....1,0
TTC....0,1
di-Sodium Phosphate....1,0
Phosphatidylcholine....0,03
L-Histidine....0,01
Sodium Thiosulphate....0,078
Tween 80....0,3
Agar....15,0
pH: 7,0±0,2

Order code	Package	Units/Box st.
435895.0922	20 units	

Slide PCA/RB CULTIMED

Culture media for the total enumeration of aerobes and for the enumeration of fungi and yeasts

NC: 3821 00 00

Composition (g/l) (Side 1):
Tryptone....5,0
Yeast Extract....2,5
D(+)-Glucose....1,0
TTC....0,1
di-Sodium Phosphate....1,0
Phosphatidylcholine....0,03
L-Histidine....0,01
Sodium Thiosulphate....0,078
Tween 80....0,3
Agar....15,0
pH: 7,0±0,2
Composition (g/l) (Side 2):
Soy Peptone....5,0
D(+)-Glucose....10,0
Magnesium Sulphate....0,5
Rose Bengal....0,05
Chloramphenicol....0,1
di-Sodium Phosphate....1,0
Phosphatidylcholina....0,03
L-Histidine....0,01
Sodium Thiosulphate....0,078
Tween 80....0,3
Agar....15,0
pH: 7,2±0,2

Order code	Package	Units/Box st.
435896.0922	20 units	

Slide PCA/VRBG CULTIMED

Culture media for the total enumeration of aerobes and enterobacterias

NC: 3821 00 00

Composition (g/l) (Side 1):
Tryptone....5,0
Yeast Extract....2,5
D(+)-Glucose....1,0
TTC....0,1
di-Sodium Phosphate....1,0
Phosphatidylcholine....0,03
L-Histidine....0,01
Sodium Thiosulphate....0,078
Tween 80....0,3
Agar....15,0
pH: 7,0±0,2
Composition (g/l) (Side 2):
Yeast Extract....3,0
Peptone....7,0
Bile Salt nº3....1,5
D(+)-Glucose....10,0
Sodium Chloride....5,0
Neutral Red....0,03
Crystal Violet....0,002
di-Sodium Phosphate....1,0
Phosphatidylchloline....0,03
L-Histidine....0,01
Sodium Thiosulphate....0,078
Tween 80....0,3
Agar....15,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
435897.0922	20 units	

PROSPORE (Sterilization test) CULTIMED

Ampoules containing G. Stearothermophilus spores. The test is used to validate or monitor steam sterilisation
Biological Features:
Microorganism: Geobacillus Stearothermophilus ATCC7953
Predefined population: 1-5x10^6
D121 Value: 1,5-3,0 minutes (saturated steam at 121°C)
Z Value: 11,0°C (based on exposures at 118°C, 121,1°C and 126°C)

Order code	Package	Units/Box st.
PS-410MC	10 units	

BOTTLES FOR DILUTION AND SAMPLING

Sterile bottle, 500 ml, with 12 mg of sodium thiosulphate CULTIMED

Order code	Package	Units/Box st.
P500ST	111 units	

Sterile bottle, 1000 ml, with 24 mg of sodium thiosulphate CULTIMED

Order code	Package	Units/Box st.
P1000ST	74 units	

Analytical funnel white 0,45 µm

Order code	Package	Units/Box st.
AFW-045MC	50 units	

Filtration monitor white 0,45 µm

Order code	Package	Units/Box st.
FMW-045MC	50 units	



YOUR EUROPEAN PARTNER FOR CUSTOM AND CONTRACT SYNTHESIS

Panreac Sintesis is focused in offering our customers the custom synthesis service.

We focus on manufacturing organic compounds, using an existing method of synthesis, or developing a new method.

CAPABILITIES:

- Lab scale: we carry out development projects and productions up to 1 kg.

- Pilot plant: productions up to 10 kg.

- Industrial production: productions up to 1 Tm.

TYPES OF PROJECTS WE MANAGE:

- Development projects

- Non-commercial starting materials and organic reagents

- Non-GMP intermediates

- Scaling of industrial procedures and productions

- Reactions with reagents which are hard to handle

- Enantioselective chemicals

STRONG POINTS THAT MAKE PANREAC SINTESIS YOUR IDEAL PARTNER:

- Project Management: direct communication via a personal contact throughout all stages of the project and possibility of technical discussions with R&D personnel.

- Analytical Department: highly strict quality control on all products and most modern instrumental techniques and equipment. We are able to develop an analytical method for your product.

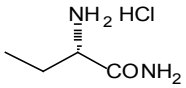
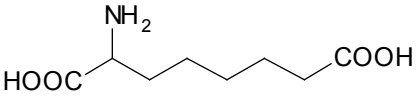
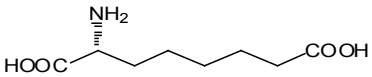
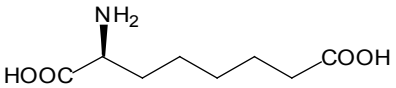
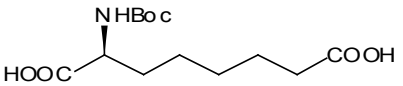
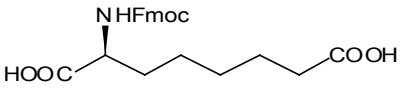
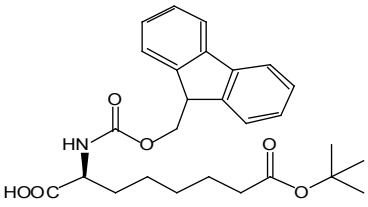
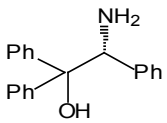
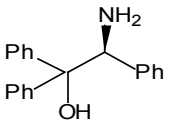
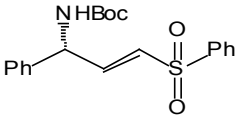
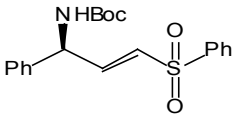
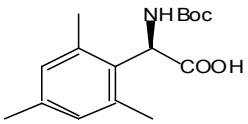
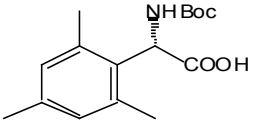
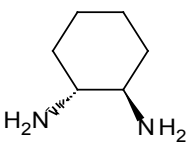
- R&D Team: we are young, highly qualified team and with a customer-oriented mentality.

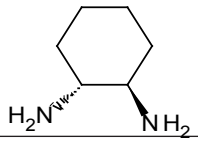
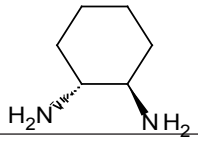
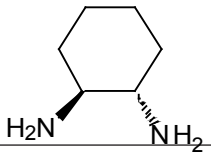
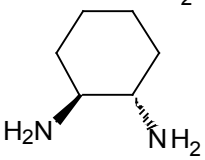
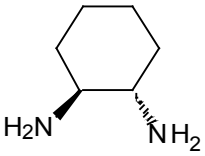
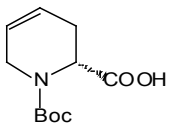
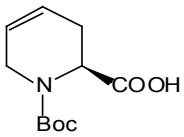
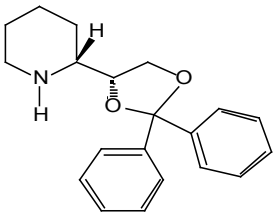
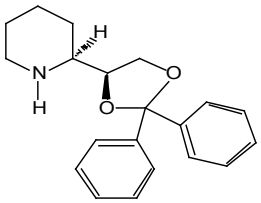
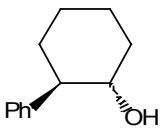
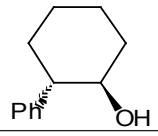
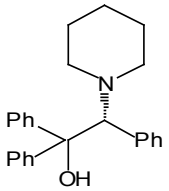
- Confidentiality: we work on basis of strict confidentiality if it is necessary.

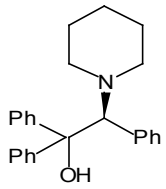
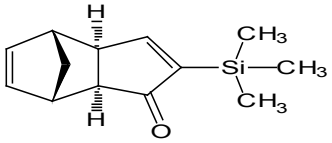
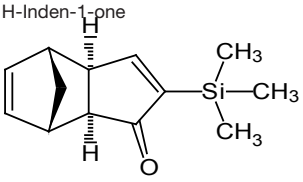
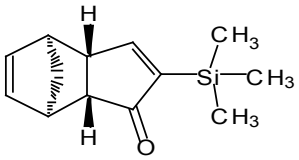
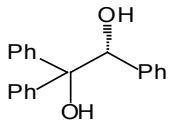
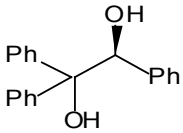
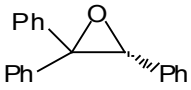
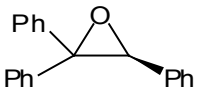
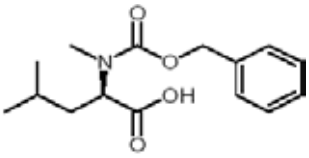
- **Responsiveness:** direct and reliable communication. Fast answer to any request.

The Panreac Sintesis team has collaboration agreements with other Companies and University Departments highly specialized in specific fields of organic chemistry for providing support in special projects. An example of close collaboration in chiral synthesis is done with Enantia, S.L., a spin-off from the University of Barcelona.

Some examples of products we have produced:

Code	CAS No.	Description	
15C708	[7682-20-4]	S-2-Aminobutyramide Hydrochloride	
15C422	[3054-07-7]	D,L-2-Aminosuberic Acid	
15C706	[19641-63-5]	(R)-2-Aminosuberic Acid	
15C413	[4254-88-0]	(S)-2-Aminosuberic Acid	
15C701	[66713-87-9]	(S)-Boc-2-Aminosuberic Acid	
15C702	[218457-76-2]	(S)-Fmoc-2-Aminosuberic Acid	
15C703	[276869-41-1]	Fmoc-L-2-Aminosuberic Acid, 8-tert-Butyl Ester	
15C689	[79868-79-4]	(R)- 2-Amino-1,1,2-Triphenylethanol	
15C688	[129704-13-8]	(S)- 2-Amino-1,1,2-Triphenylethanol	
15C696	-	(R)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester	
15C695	-	(S)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester	
15C697	[287929-70-8]	(R) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	
15C698	[287929-86-6]	(S) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	
15C517	[20439-47-8]	(1R,2R)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	

Code	CAS No.	Description	
15C671	[20439-47-8]	(1R,2R)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	
15C385	[20439-47-8]	(1R,2R)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	
15C516	[21436-03-3]	(1S,2S)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	
15C668	[21436-03-3]	(1S,2S)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	
15C384	[21436-03-3]	(1S,2S)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	
15C693	-	(2R)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	
15C694	[417726-36-4]	(2S)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	
15C700	[4792-18-1]	(R, R)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	
15C699	[4741-41-7]	(S, S)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	
15C690	[98919-68-7]	(1R, 2S)-2-Phenyl-1-Cyclohexanol	
15C691	[34281-92-0]	(1S, 2R)-2-Phenyl-1-Cyclohexanol	
15C687	[213995-12-1]	(R)-2-Piperidino-1,1,2-Triphenylethanol	

Code	CAS No.	Description	
15C686		(S)-2-Piperidino-1,1,2-Triphenylethanol	
15C692	[143768-86-9]	(3aR*, 4R*, 7S*, 7aS*)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	
15C709	[297746-10-2]	(3aR, 4R, 7S, 7aS)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	
15C707	[297746-05-5]	(3aS, 4S, 7R, 7aR)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	
15C478	[95061-46-4]	(R)-1,1,2-Triphenyl-1,2-Ethanediol	
15C477	[108998-83-0]	(S)-1,1,2-Triphenyl-1,2-Ethanediol	
15C705	[183849-26-5]	(R)-Triphenyloxirane	
15C704	[157556-88-2]	(S)-Triphenyloxirane	
15C588	[65635-85-0]	Z-D-N-MeLeu-OH	

For more information about our capabilities and products, please, do not hesitate to contact us. (panreacsintesis@panreac.com)

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CAS No..... 520
Qualities - product code..... 533
Classification in specific fields of application..... 552

Panreac

CAS No. Reagents & Microbiology products		
50-00-0	Formaldehyde 37-38% w/w stabilized with methanol PA-ACS	190
50-00-0	Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	190
50-00-0	Formaldehyde 35-40% w/v stabilized with methanol QP	190
50-00-0	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC	190
50-00-0	Formaldehyde solution 10% neutralized, stabilized with methanol PRS	190
50-00-0	Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC	190
50-70-4	D(-)-Sorbite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	405
50-70-4	D(-)-Sorbite (E-420i, F.C.C.) ADITIO	405
50-78-2	Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	28
50-81-7	L(+)-Ascorbic Acid PA-ACS	60
50-81-7	L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	61
50-81-7	L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO	61
50-99-7	D(+)-Glucose anhydrous PA-ACS	196
50-99-7	D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	196
50-99-7	D(+)-Glucose anhydrous (F.C.C.) ADITIO	196
51-28-5	2,4-Dinitrophenol moistened with ~33% of H_2O PA	162
51-28-5	2,4-Dinitrophenol, 98% moistened with ~33% of H_2O PS	162
52-51-7	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
52-51-7	2-Bromo-2-Nitro-1,3-Propanediol, 98% PS	85
52-90-4	L-Cysteine, 99% PS	137
54-21-7	Sodium Salicylate PA	397
54-21-7	Sodium Salicylate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	397
54-21-7	Sodium Salicylate, 99% PS	397
54-64-8	2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX	181
54-96-6	3,4-Diaminopyridine, 98% PS	141
55-21-0	Benzamide, 98% PS	66
55-55-0	4-Methylaminophenol Sulphate PA-ACS	268
55-55-0	4-Methylaminophenol Sulphate PRS	269
56-17-7	Cystaminium Dichloride, 99% PS	137
56-23-5	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
56-23-5	Carbon Tetrachloride (IR) (E.U.) PAI	111
56-23-5	Carbon Tetrachloride (ACS VIII, Reag. Ph. Eur.) (E.U.) PA-ACS-ISO	111
56-23-5	Carbon Tetrachloride (E.U.) PRS	111
56-37-1	Benzyltriethylammonium Chloride, 99% PS	73
56-40-6	Glycine (Reag. USP) PA-ACS	199
56-40-6	Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	200
56-40-6	Glycine (E-640, F.C.C.) ADITIO	200
56-40-6	Glycine, 99% PS	200
56-41-7	L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	31
56-41-7	L-Alanine (F.C.C.) ADITIO	31
56-41-7	L-Alanine, 99% PS	31
56-45-1	L-Serine (USP, BP, Ph. Eur.) PRS-CODEX	360
56-45-1	L-Serine, 99% PS	360
56-75-7	Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX	116
56-81-5	Glycerol PA-ACS-ISO	198
56-81-5	Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	198
56-81-5	Glycerol (E-422, F.C.C.) ADITIO	198
56-81-5	Glycerol, 99% PS	198
56-81-5	Glycerol QP	199
56-81-5	Glycerol 87% PA	199
56-81-5	Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX	199
56-84-8	L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	61
56-84-8	L-Aspartic Acid (F.C.C.) ADITIO	61
56-84-8	L-Aspartic Acid, 99% PS	61
56-85-9	L-Glutamine (USP) PRS-CODEX	197
56-85-9	L-Glutamine, 99% PS	197
56-86-0	L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	197
56-86-0	L-Glutamic Acid (E-620, F.C.C.) ADITIO	197
56-86-0	L-Glutamic Acid, 99% PS	197
56-89-3	L-Cystine (E-921, F.C.C.) ADITIO	137
56-89-3	L-Cystine, 98% PS	137
56-93-9	Benzyltrimethylammonium Chloride, 99% PS	73
57-09-0	N-Cetyl-N,N,N-Trimethylammonium Bromide PA	115
57-09-0	N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS	115
57-10-3	Palmitic Acid (E-570, F.C.C.) ADITIO	296
57-10-3	Palmitic Acid, 98% PS	296
57-11-4	Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
57-11-4	Stearic Acid, 98% PS	427
57-11-4	Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
57-11-4	Stearic Acid 50 (fatty acids mixture) (E-570, F.C.C.) ADITIO	427
57-13-6	Urea crystal PA-ACS	463
57-13-6	Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX	463
57-13-6	Urea pearls PRS	463
57-13-6	Urea pearls, (E-927b, F.C.C.) ADITIO	464
57-13-6	Urea pearls, 98,5% PS	464
57-44-3	5,5-Diethylbarbituric Acid PA	149
57-44-3	5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.) PRS-CODEX	149
57-48-7	D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX	193
57-48-7	D(-)-Fructose (F.C.C.) ADITIO	193
57-50-1	Saccharose PA-ACS	357
57-50-1	Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX	357
57-50-1	Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT	357
57-50-1	Saccharose solution 14,9% w/w VINIKIT	357
57-50-1	Saccharose solution 19,4% w/w VINIKIT	357
57-50-1	Saccharose solution 23,8% w/w VINIKIT	357
57-55-6	1,2-Propanediol (RFE, USP, BP, Ph. Eur. , JP) PRS-CODEX	346
57-55-6	1,2-Propanediol (E-1520, F.C.C.) ADITIO	346
57-55-6	1,2-Propanediol, 99% PS	346
57-71-6	Diacetylmonoxime PA	140
58-08-2	Caffeine anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	101
58-85-5	D(+)-Biotin (USP) PRS-CODEX	73
58-85-5	D(+)-Biotin (F.C.C.) ADITIO	73
58-86-6	D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX	472
59-30-3	Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX	189
59-30-3	Folic Acid (F.C.C.) ADITIO	189
59-30-3	Folic Acid, 97% PS	189
59-50-7	4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX	120
59-50-7	4-Chloro-3-Methylphenol, 99% PS	125
59-51-8	DL-Methionine (BP, Ph. Eur.) PRS-CODEX	267
59-67-6	Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	284
59-67-6	Nicotinic Acid, 99% PS	284
59-88-1	Phenylhydrazinium Chloride PA	311
60-00-4	Ethylenediaminetetraacetic Acid PA-ACS	177
60-00-4	Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX	177
60-10-6	Dithizone (Reag. Ph. Eur.) PA-ACS	165
60-11-7	Methyl Yellow solution 0,5% RV	278
60-11-7	4-(Dimethylamino) Azobenzene (C.I. 11020) PA	156
60-18-4	L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	463
60-18-4	L-Tyrosine, 99% PS	463
60-27-5	Creatinine DC	132
60-29-7	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150
60-29-7	Diethyl Ether stabilized with ethanol (PAR) PAI	150
60-29-7	Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO	150
60-29-7	Diethyl Ether stabilized with ~6 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	150
60-29-7	Diethyl Ether stabilized with ~6 ppm of BHT PRS	150
60-29-7	Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX	150
60-29-7	Diethyl Ether, 99,7% stabilized with ~6 ppm of BHT PS	150
60-29-7	Diethyl Ether stabilized with ~6 ppm of BHT QP	150
60-31-1	Acetylcholine Chloride (USP) PRS-CODEX	28
60-31-1	Acetylcholine Chloride, 98% PS	28
60-32-2	6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX	38
60-32-2	6-Aminohexanoic Acid, 99% PS	38
60-33-3	Linoleic Acid CG	246
60-35-5	Acetamide PA	18
60-35-5	Acetamide PRS	18
60-35-5	Acetamide, 99% PS	18
61-73-4	Methylene Blue (C.I. 52015) PA	271
61-73-4	Methylene Blue (C.I. 52015) (USP) CODEX	271
61-73-4	Methylene Blue (C.I. 52015) DC	271
61-90-5	L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	245
61-90-5	L-Leucine (F.C.C.) ADITIO	245
61-90-5	L-Leucine, 99% PS	245
62-33-9	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
62-38-4	Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX	312
62-53-3	Aniline (Reag. Ph. Eur.) PA-ACS	56
62-53-3	Aniline PRS	56
62-53-3	Aniline, 99% PS	56
62-54-4	Calcium Acetate x-hydrate PA	101
62-54-4	Calcium Acetate x-hydrate (USP) PRS-CODEX	101
62-54-4	Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO	101
62-54-4	Calcium Acetate x-hydrate QP	101
62-55-5	Thioacetamide (Reag. Ph. Eur.) PA-ACS	442
62-55-5	Thioacetamide, 98% PS	442
62-56-6	Thiourea (Reag. Ph. Eur.) PA-ACS	443
62-56-6	Thiourea PRS	443
62-56-6	Thiourea, 98% PS	443
62-76-0	di-Sodium Oxalate EQP-ACS	393
62-76-0	di-Sodium Oxalate (Reag. USP, Ph. Eur.) PA-ACS	393
62-76-0	di-Sodium Oxalate PRS	393
62-76-0	di-Sodium Oxalate 0,1 mol/l (0,1M) DC	393
63-68-3	L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX	267
63-68-3	L-Methionine (F.C.C.) ADITIO	267
63-68-3	L-Methionine, 99% PS	267
63-74-1	Sulphanilamide (Reag. Ph. Eur.) PA	429
63-74-1	Sulphanilamide (Ph. Fr., DAB) PRS-CODEX	429
63-91-2	L-Phenylalanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	310
63-91-2	L-Phenylalanine (F.C.C.) ADITIO	310
63-91-2	L-Phenylalanine, 99% PS	310
64-17-5	Ethanol absolute (HPLC-gradient grade) PAI	169
64-17-5	Ethanol absolute (UV-IR-HPLC) PAI	169
64-17-5	Ethanol absolute dry (max. 0,02% water) DS	170
64-17-5	Ethanol absolute PA-ACS-ISO	170
64-17-5	Ethanol absolute PA	170
64-17-5	Ethanol absolute PRS	170
64-17-5	Ethanol absolute (USP, BP, Ph. Eur.) CODEX	171
64-17-5	Ethanol absolute (F.C.C.) ADITIO	171
64-17-5	Ethanol absolute, 99,5% PS	171
64-17-5	Ethanol absolute DC	171
64-17-5	Ethanol absolute partially denatured QP	171
64-17-5	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
64-17-5	Ethanol 96% v/v PA-ACS	172
64-17-5	Ethanol 96% v/v PA	172
64-17-5	Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX	172
64-17-5	Ethanol 96% v/v (F.C.C.) ADITIO	172
64-17-5	Ethanol 96% v/v DC	173
64-17-5	Ethanol 96% v/v partially denatured QP	173
64-17-5	Ethanol 96% v/v totally denatured QP	173
64-17-5	Ethanol 70% v/v (BP) CODEX	173
64-17-5	Ethanol 70% v/v ADITIO	173
64-18-6	Formic Acid 98% PA-ACS	191
64-18-6	Formic Acid 98% PRS	192
64-18-6	Formic Acid 98% (F.C.C.) ADITIO	192
64-18-6	Formic Acid 85% PA	192
64-18-6	Formic Acid 85% PRS	192
64-18-6	Formic Acid 85% (F.C.C.) ADITIO	192
64-19-7	Acetic Acid glacial (TMA) HIPERPUR-PLUS	19
64-19-7	Acetic Acid glacial (TMA) HIPERPUR	19
64-19-7	Acetic Acid glacial (HPLC) PAI	20
64-19-7	Acetic Acid glacial (Reag. Ph. Eur.) PA-ACS-ISO	20
64-19-7	Acetic Acid glacial (RFE, USP, BP, Ph. Eur.) PRS-CODEX	20
64-19-7	Acetic Acid glacial (E-260, F.C.C.) ADITIO	20
64-19-7	Acetic Acid glacial, 99,5% PS	20
64-19-7	Acetic Acid glacial QP	21
64-19-7	Acetic Acid glacial DC	21
64-19-7	Acetic Acid 96% PA	21
64-19-7	Acetic Acid 80% PA	21
64-19-7	Acetic Acid 0,1 mol/l (0,1N) SV	21
64-19-7	Acetic Acid 0,5 mol/l (0,5N) SV	21
64-19-7	Acetic Acid 1 mol/l (1N) SV	21
64-67-5	Diethyl Sulphate, 99% PS	152
65-45-2	Salicylamide (USP) PRS-CODEX	358
65-85-0	Benzoic Acid EQP	69
65-85-0	Benzoic Acid PA-ACS	69
65-85-0	Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	69
65-85-0	Benzoic Acid (E-210, F.C.C.) ADITIO	69
65-85-0	Benzoic Acid, 99,5% PS	70
67-43-6	Diethylentriaminepentaacetic Acid PA	150
67-56-1	Methanol (HPLC-hypergradient grade) HIPERPUR	264
67-56-1	Methanol (HPLC-gradient grade) PAI-ACS	264
67-56-1	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
67-56-1	Methanol (HPLC-preparative) PAI	265
67-56-1	Methanol (LC-MS) PAI	265
67-56-1	Methanol (PAR) PAI	265
67-56-1	Methanol dry (max. 0,005% water) DS-ACS-ISO	265
67-56-1	Methanol (Reag. Ph. Eur.) PA-ACS-ISO	266
67-56-1	Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX	266
67-56-1	Methanol (F.C.C.) ADITIO	266
67-56-1	Methanol, 99,5% PS	266
67-56-1	Methanol according to Karl Fischer RE	266
67-63-0	2-Propanol (VLSI) EG	347

67-63-0	2-Propanol (HPLC-gradient grade-UV-IR) PAI	348
67-63-0	2-Propanol (HPLC) PAI	348
67-63-0	2-Propanol (HPLC-preparative) PAI	348
67-63-0	2-Propanol (PAR) PAI	348
67-63-0	2-Propanol dry (max. 0,01% water) DS-ACS-ISO	349
67-63-0	2-Propanol (Reag. Ph. Eur.) PA-ACS-ISO	349
67-63-0	2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	349
67-63-0	2-Propanol (F.C.C.) ADITIO	349
67-63-0	2-Propanol, 99,7% PS	349
67-63-0	2-Propanol QP	350
67-64-1	Acetone (VLSI) EG	22
67-64-1	Acetone (MOS) EG	22
67-64-1	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23
67-64-1	Acetone (PAR) PAI	23
67-64-1	Acetone dry (max. 0,01% water) DS	23
67-64-1	Acetone (Reag. Ph. Eur.) PA-ACS-ISO	23
67-64-1	Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX	24
67-64-1	Acetone (F.C.C.) ADITIO	24
67-64-1	Acetone, 99,5% PS	24
67-64-1	Acetone QP	24
67-66-3	Trichloromethane stabilized with ~150 ppm of amylene (HPLC-GPC) PAI	451
67-66-3	Trichloromethane dry (max. 0,005% water) stabilized with ~50 ppm of amylene DS-ACS	451
67-66-3	Trichloromethane stabilized with ~50 ppm of amylene (Reag. USP, Ph. Eur.) PA-ACS	452
67-66-3	Trichloromethane stabilized with ~50 ppm of amylene PA	452
67-66-3	Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX	452
67-66-3	Trichloromethane, 99,9% stabilized with ~50 ppm of amylene PS	452
67-66-3	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453
67-66-3	Trichloromethane stabilized with ethanol (PAR) PAI	453
67-66-3	Trichloromethane stabilized with ethanol (Reag. Ph. Eur.) PA-ACS-ISO	453
67-66-3	Trichloromethane stabilized with ethanol PA	453
67-66-3	Trichloromethane stabilized with ethanol PRS	454
67-66-3	Trichloromethane, 99% stabilized with ethanol PS	454
67-66-3	Trichloromethane stabilized with ethanol QP	454
67-66-3	Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX	454
67-68-5	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
67-68-5	Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS	161
67-68-5	Dimethyl Sulphoxide (Reag. Ph. Eur.) PA-ACS	161
67-68-5	Dimethyl Sulphoxide PRS	161
67-68-5	Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEX	161
67-68-5	Dimethyl Sulphoxide, 99,5% PS	161
68-04-2	Sodium Citrate solution 3,8% DC	374
68-11-1	Thioglycollic Acid 80% PRS	442
68-12-2	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
68-12-2	N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO	158
68-12-2	N,N-Dimethylformamide (Reag. Ph. Eur.) PA-ACS-ISO	158
68-12-2	N,N-Dimethylformamide PRS	159
68-12-2	N,N-Dimethylformamide, 99,8% PS	159
68-94-0	Hypoxanthine, 99% PS	225
69-65-8	D(-)-Mannitol PA-ACS	259
69-65-8	D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	259
69-65-8	D(-)-Mannitol (E-421, F.C.C.) ADITIO	259
69-72-7	Salicylic Acid PA-ACS	358
69-72-7	Salicylic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	358
69-72-7	Salicylic Acid, 99% PS	358
69-93-2	Uric Acid PRS	464
71-00-1	L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	209
71-00-1	L-Histidine, 99% PS	209
71-23-8	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346
71-23-8	1-Propanol (Reag. USP, Ph. Eur.) PA-ACS	347
71-23-8	1-Propanol (BP, Ph. Eur.) PRS-CODEX	347
71-23-8	1-Propanol, 99,5% PS	347
71-36-3	1-Butanol (UV-IR-HPLC) PAI	92
71-36-3	1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO	92
71-36-3	1-Butanol (USP-NF) PRS-CODEX	92
71-36-3	1-Butanol (F.C.C.) ADITIO	93
71-36-3	1-Butanol, 99,5% PS	93
71-41-0	1-Pentanol (Reag. Ph. Eur.) PA-ACS	301
71-41-0	1-Pentanol PRS	301
71-41-0	1-Pentanol, 98% PS	301
71-43-2	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
71-43-2	Benzene dry (max. 0,005% water) DS-ACS-ISO	67
71-43-2	Benzene (Reag. Ph. Eur.) PA-ACS-ISO	67
71-43-2	Benzene PRS	67
71-43-2	Benzene, 99,8% PS	67
71-55-6	1,1,1-Trichloroethane (E.U.) PRS	450
71-91-0	Tetraethylammonium Bromide, 99% PS	440
72-17-3	Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX	390
72-17-3	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO	391
72-18-4	L-Valine (USP, BP, Ph. Eur.) PRS-CODEX	464
72-18-4	L-Valine (F.C.C.) ADITIO	464
72-18-4	L-Valine, 98% PS	464
72-19-5	L-Threonine, 99% PS	443
72-48-0	Alizarin (C.I. 58000) PA	32
72-48-0	Alizarin solution 0,1% RV	32
73-22-3	L-Tryptophan PA	460
73-22-3	L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
73-22-3	L-Tryptophan, 99% PS	461
73-32-5	L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX	235
73-32-5	L-Isoleucine (F.C.C.) ADITIO	235
73-32-5	L-Isoleucine, 99% PS	235
73-40-5	Guanine, 99% PS	201
74-39-5	Magneson I PA	255
74-79-3	L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX	59
74-79-3	L-Arginine (F.C.C.) ADITIO	59
74-79-3	L-Arginine, 99% PS	59
74-88-4	Iodomethane, 99% stabilized with copper PS	229
74-89-5	Methylamine solution 40% w/w PS	268
74-96-4	Bromoethane, 99% PS	83
75-03-6	Iodoethane, 98% stabilized with copper PS	229
75-05-8	Acetonitrile (HPLC-hypergradient grade) HIPERPUR	25
75-05-8	Acetonitrile (HPLC-gradient grade) PAI-ACS	25
75-05-8	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	25
75-05-8	Acetonitrile (HPLC-preparative) PAI	25
75-05-8	Acetonitrile (LC-MS) PAI	26
75-05-8	Acetonitrile (PAR) PAI-ACS	26
75-05-8	Acetonitrile dry (max. 0,005% water) DS-ACS	26
75-05-8	Acetonitrile (Reag. Ph. Eur.) PA-ACS	26
75-05-8	Acetonitrile, 99,7% PS	27
75-07-0	Acetaldehyde, 99% PS	18
75-09-2	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145
75-09-2	Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI	146
75-09-2	Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO	146
75-09-2	Dichloromethane stabilized with amylene PA-ACS-ISO	146
75-09-2	Dichloromethane stabilized with amylene (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	146
75-09-2	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147
75-09-2	Dichloromethane, 99,8% stabilized with amylene PS	147
75-09-2	Dichloromethane stabilized with amylene QP	147
75-09-2	Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol DS-ACS-ISO	147
75-09-2	Dichloromethane, 99,8% stabilized with ~0,2% of ethanol PS	147
75-11-6	Diiodomethane, 99% stabilized with copper PS	154
75-12-7	Formamide PA-ACS	191
75-12-7	Formamide PRS	191
75-12-7	Formamide, 98% PS	191
75-12-7	Formamide AQUAMETRIC KF dry RV	191
75-15-0	Carbon Disulphide (UV-IR-HPLC) PAI	110
75-15-0	Carbon Disulphide dry (max. 0.005% water) low in aromatic compounds DS-ACS	110
75-15-0	Carbon Disulphide PA-ACS	110
75-15-0	Carbon Disulphide PRS	110
75-15-0	Carbon Disulphide, 99,5% PS	110
75-25-2	Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX	84
75-25-2	Bromoform, 99% stabilized with ~1% of ethanol PS	84
75-26-3	2-Bromopropane, 99% PS	86
75-36-5	Acetyl Chloride (Reag. USP, Ph. Eur.) PA-ACS	28
75-36-5	Acetyl Chloride, 98% PS	28
75-47-8	Iodoform PRS	229
75-52-5	Nitromethane (Reag. USP, Ph. Eur.) PA-ACS	290
75-52-5	Nitromethane, 98% PS	290
75-57-0	Tetramethylammonium Chloride, 98% PS	441
75-62-7	Bromotrichloromethane, 98% PS	87
75-64-9	tert-Butylamine, 98% PS	96
75-65-0	2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS	275
75-65-0	2-Methyl-2-Propanol PRS	275
75-65-0	2-Methyl-2-Propanol, 99,7% PS	275
75-75-2	Methanesulphonic Acid 70% w/w PS	264
75-76-3	Tetramethylsilane (NMR) PAI	441
75-77-4	Chlorotrimethylsilane CG	121
75-77-4	Chlorotrimethylsilane, 98% PS	122
75-89-8	2,2,2-Trifluoroethanol PS	457
75-91-2	tert-Butyl Hydroperoxide aqueous solution ~70% PS	96
75-91-2	tert-Butyl Hydroperoxide solution 3M in isooctane PS	96
76-03-9	Trichloroacetic Acid (Reag. Ph. Eur.) PA-ACS	450
76-03-9	Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX	450
76-03-9	Trichloroacetic Acid, 98% PS	450
76-03-9	Trichloroacetic Acid solution 20% w/v DC	450
76-05-1	Trifluoroacetic Acid (UV) PAI	457
76-05-1	Trifluoroacetic Acid, 99% PS	457
76-13-1	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
76-13-1	1,1,2-Trichlorotrifluoroethane (ACS IX, Reag. USP, Ph. Eur.) (E.U.) PA-ACS	455
76-13-1	1,1,2-Trichlorotrifluoroethane, 99,8% (E.U.) PS	455
76-54-0	2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS	145
76-54-0	2',7'-Dichlorofluorescein in 2-propanol , TLC developer RE	145
76-59-5	Bromothymol Blue PA-ACS	86
76-59-5	Bromothymol Blue DC	86
76-59-5	Bromothymol Blue solution 0,04% RV	86
76-59-5	Bromothymol Blue solution 0,4% VINIKIT	87
76-60-8	Bromocresol Green PA-ACS	82
76-60-8	Bromocresol Green solution 0,04% RV	82
76-61-9	Thymol Blue PA-ACS	444
76-61-9	Thymol Blue solution 0,04% RV	444
76-83-5	Triphenylchloromethane, 98% PS	459
76-93-7	Benzilic Acid, 99% PS	69
77-06-5	Gibberellic Acid, 90% PS	196
77-09-8	Phenolphthalein (Reag. Ph. Eur.) PA-ACS	309
77-09-8	Phenolphthalein (BP, Ph. Eur.) PRS-CODEX	309
77-73-6	Dicyclopentadiene, 90% stabilized with 100-200 ppm of tert-butylphenolene PS	148
77-76-9	2,2-Dimethoxypropane, 98% PS	155
77-78-1	Dimethyl Sulphate, 99% PS	160
77-86-1	Tris (Hydroxymethyl) Aminomethane EQP-ACS	459
77-86-1	Tris (Hydroxymethyl) Aminomethane PA-ACS	459
77-86-1	Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
77-92-9	Citric Acid anhydrous PA-ACS	124
77-92-9	Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	124
77-92-9	Citric Acid anhydrous (E-330, F.C.C.) ADITIO	124
77-92-9	Citric Acid anhydrous, 99% PS	124
78-70-6	(±)-Linalool, 95% PS	246
78-77-3	1-Bromo-2-Methylpropane, 99% PS	84
78-78-4	Isopentane (UV-IR-HPLC) PAI	237
78-78-4	Isopentane PA	237
78-78-4	Isopentane PRS	237
78-83-1	Isobutanol (UV-IR-HPLC) PAI	233
78-83-1	Isobutanol (Reag. Ph. Eur.) PA-ACS	233
78-83-1	Isobutanol PRS	233
78-83-1	Isobutanol (F.C.C.) ADITIO	233
78-83-1	Isobutanol, 99% PS	234
78-92-2	2-Butanol (Reag. Ph. Eur.) PA	93
78-92-2	2-Butanol, 99% PS	93
78-93-3	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
78-93-3	Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS	94
78-93-3	Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) PA-ACS	94
78-93-3	Butanone (Methylethylketone) PRS	94
78-93-3	Butanone (Methylethylketone) (F.C.C.) ADITIO	94
78-93-3	Butanone, 99,5% (Methylethylketone) PS	94
79-01-6	Trichloroethylene, stabilized with ethanol (Reag. Ph. Eur.) PA-ACS	451
79-01-6	Trichloroethylene, stabilized with ethanol PRS	451
79-01-6	Trichloroethylene, 99% stabilized with ethanol PS	451
79-03-8	Propionyl Chloride, 98% PS	351
79-06-1	Acrylamide, 99% PS	29
79-08-3	Bromoacetic Acid, 99% PS	79
79-09-4	Propionic Acid (Reag. Ph. Eur.) PA-ACS	350
79-09-4	Propionic Acid (E-280, F.C.C.) ADITIO	350
79-09-4	Propionic Acid, 99% PS	350
79-10-7	Acrylic Acid, 99% stabilized with hydroquinone monomethyl ether PS	30
79-11-8	Mono-Chloroacetic Acid PRS	116
79-14-1	Glycolic Acid ~ 65% PS	200
79-19-6	Thiosemicarbazide PA	454
79-19-6	Thiosemicarbazide, 98% PS	443
79-20-9	Methyl Acetate PRS	279
79-20-9	Methyl Acetate, 99% PS	268
79-21-0	Peracetic Acid solution 15% w/w RE	302
79-24-3	Nitroethane PRS	290

79-27-6	1,1,2,2-Tetrabromoethane PRS	438
79-27-6	1,1,2,2-Tetrabromoethane, 98,5% PS	438
79-33-4	L(+)-Lactic Acid PA	240
79-33-4	L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	240
79-33-4	L(+)-Lactic Acid (F.C.C.) ADITIO	240
79-34-5	1,1,2,2-Tetrachloroethane, 98% PS	439
79-37-8	Oxalyl Chloride, 98% PS	295
79-40-3	Rubeanic Acid PRS	357
79-43-6	Dichloroacetic Acid, 98% PS	143
80-73-9	1,3-Dimethyl-2-Imidazolidinone, 98% PS	160
81-88-9	Rhodamine B (C.I. 45170) PA	356
81-88-9	Rhodamine B (C.I. 45170) DC	356
81-88-9	Rhodamine B in ethanol absolute, TLC developer RE	356
83-07-8	4-Aminoantipyrine, 98% PS	37
84-58-2	2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone, 98% PS	144
84-65-1	Anthraquinone, 98% PS	57
84-66-2	Diethyl Phthalate (USP-NF, BP, Ph. Eur.)	152
84-66-2	Diethyl Phthalate, 99% PS	152
84-74-2	Di-n-Butyl Phthalate (Reag. USP, Ph. Eur.) PA	142
84-74-2	Di-n-Butyl Phthalate PRS	142
84-74-2	Di-n-Butyl Phthalate, 99% PS	142
84-74-2	Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX	142
85-41-6	Phthalimide, 98% PS	316
85-44-9	Phthalic Anhydride PA-ACS	316
85-44-9	Phthalic Anhydride, 98% PS	316
85-83-6	Sudan IV (C.I. 26105) DC	429
85-86-9	Sudan III (C.I. 26100) DC	429
86-73-7	Fluorene, 98% PS	184
86-87-3	1-Naphthaleneacetic Acid, 97% PS	280
87-41-2	Phthalide, 99% PS	316
87-51-4	1H-Indole-3-Acetic Acid, 98% PS	227
87-66-1	Pyrogallic Acid (Reag. Ph. Eur.) PA-ACS	354
87-66-1	Pyrogallic Acid, 99% PS	354
87-69-4	L(+) Tartaric Acid PA - ACS	436
87-69-4	L(+)-Tartaric Acid PRS	437
87-69-4	L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.) CODEX	437
87-69-4	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO	437
87-69-4	L(+)-Tartaric Acid QP	437
87-89-8	myo-Inositol, 99% PS	227
87-91-2	Diethyl L(+)-Tartrate, 99% PS	152
88-06-2	2,4,6-Trichlorophenol, 98% PS	455
88-14-2	2-Furoic Acid, 98% PS	194
88-65-3	2-Bromobenzoic Acid, 99% PS	80
88-75-5	2-Nitrophenol, 98% PS	290
88-89-1	Picric Acid moistened with ~33% of H_2O (Reag. Ph. Eur.) PRS	316
88-89-1	Picric Acid, 98% moistened with ~33% of H_2O PS	316
88-89-1	Picric Acid saturated solution DC	316
88-99-3	Phthalic Acid, 99,5% PS	316
89-57-6	5-Amino-2-Hydroxybenzoic Acid, 97% PS	38
89-83-8	Thymol (Reag. USP, Ph. Eur.) PA	444
89-83-8	Thymol PRS	444
89-97-4	2-Chlorobenzylamine, 97% PS	118
89-98-5	2-Chlorobenzaldehyde, 99% PS	117
89-99-6	2-Fluorobenzylamine, 97% PS	186
90-11-9	1-Bromonaphthalene, 96% PS	85
90-13-1	1-Chloronaphthalene, 93% PS	120
90-15-3	1-Naphthol (Reag. USP, Ph. Eur.) PA	281
90-15-3	1-Naphthol, 99% PS	281
90-27-7	2-Phenylbutyric Acid, 98% PS	311
90-43-7	2-Hydroxybiphenyl, 98% PS	222
90-44-8	Anthrone (Reag. Ph. Eur.) PA-ACS	57
90-44-8	Anthrone, 98% PS	57
91-17-8	Decahydronaphthalene, 98% isomers mixture PS	138
91-20-3	Naphthalene PRS	280
91-20-3	Naphthalene, 98% PS	280
91-22-5	Quinoline, 96% PS	355
91-56-5	Isatin (Reag. Ph. Eur.) PA	232
91-56-5	Isatin, 98% PS	232
91-64-5	Coumarin, 97% PS	132
92-52-4	Biphenyl, 99% PS	73
92-66-0	4-Bromobiphenyl, 98% PS	81
92-87-5	Benzidine PA	68
92-87-5	Benzidine, 99% PS	68
93-55-0	Propiophenone, 99% PS	351
93-58-3	Methyl Benzoate PRS	269
93-58-3	Methyl Benzoate, 99% PS	269
93-60-7	Methyl Nicotinate, 99% PS	273
93-89-0	Ethyl Benzoate PRS	176
93-89-0	Ethyl Benzoate, 99% PS	176
94-13-3	Propyl 4-Hydroxybenzoate, 99% PS	351
94-36-0	Benzoyl Peroxide humidified with ~25% of H_2O (RFE, USP, BP, Ph. Eur.) PRS-CODEX	71
94-36-0	Benzoyl Peroxide humidified with ~25% of H_2O (F.C.C.) ADITIO	71
94-36-0	Benzoyl Peroxide, 98% humidified with ~25% of H_2O PS	71
95-14-7	1H-Benzotriazole, 99% PS	70
95-25-0	5-Chloro-2-Benzoxazolone, 98% PS	118
95-45-4	Dimethylglyoxime (Reag. Ph. Eur.) PA-ACS	159
95-46-5	2-Bromotoluene, 98% PS	87
95-47-6	o-Xylene (Reag. USP, Ph. Eur.) PA	470
95-47-6	o-Xylene PRS	471
95-47-6	o-Xylene, 99% PS	471
95-48-7	o-Cresol, 99% PS	132
95-50-1	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
95-50-1	1,2-Dichlorobenzene (Reag. USP, Ph. Eur.) PA	143
95-50-1	1,2-Dichlorobenzene, 98% PS	143
95-52-3	2-Fluorotoluene, 99% PS	188
95-53-4	o-Toluidine PA	448
95-53-4	o-Toluidine stabilized PA	449
95-53-4	o-Toluidine, 99% PS	449
95-55-6	2-Aminophenol, 98% PS	39
95-56-7	2-Bromophenol, 98% PS	85
95-57-8	2-Chlorophenol PA	121
95-57-8	2-Chlorophenol, 99% PS	121
95-92-1	Diethyl Oxalate, 98,5% PS	152
96-22-0	Diethylketone, 99% PS	151
96-31-1	1,3-Dimethylurea, 98% PS	162
96-33-3	Methyl Acrylate, 99% stabilized with ~50 ppm of M.E.H.Q. PS	268
96-41-3	Cyclopentanol, 99% PS	136
96-47-9	2-Methyltetrahydrofuran stabilized with ~300 ppm of BHT PS	277
96-48-0	γ-Butyrolactone, 99% PS	98
97-00-7	1-Chloro-2,4-Dinitrobenzene PA	119
97-00-7	1-Chloro-2,4-Dinitrobenzene, 98% PS	120
97-51-8	5-Nitrosalicylaldehyde, 98% PS	291
97-59-6	Allantoin (BP, Ph. Eur.) PRS-CODEX	33
97-59-6	Allantoin, 98% PS	33
98-00-0	Furfuryl Alcohol, 98% PS	194
98-01-1	Furfural stabilized with ~0,1% of BHT (Reag. USP, Ph. Eur.) PA-ACS	194
98-01-1	Furfural, 98% stabilized with ~0,1% of BHT PS	194
98-05-5	Phenylarsonic Acid, 97% PS	311
98-17-9	3-(Trifluoromethyl) Phenol, 98% PS	458
98-29-3	4-tert-Butylpyrocatechol, 99% PS	98
98-55-5	a-Terpineol, 70% PS	437
98-59-9	4-Toluenesulphonyl Chloride, 98% PS	448
98-60-2	4-Chlorobenzenesulfonyl Chloride, 97% PS	118
98-86-2	Acetophenone (F.C.C.) ADITIO	27
98-86-2	Acetophenone, 98% PS	27
98-88-4	Benzoyl Chloride (Reag. Ph. Eur.) PA-ACS	71
98-88-4	Benzoyl Chloride, 99% PS	71
98-95-3	Nitrobenzene (Reag. Ph. Eur.) PA-ACS	289
98-95-3	Nitrobenzene, 99% PS	289
99-09-2	3-Nitroaniline, 98% PS	289
99-10-5	3,5-Dihydroxybenzoic Acid, 99% PS	153
99-11-6	Citrazinic Acid, 97% PS	123
99-33-2	3,5-Dinitrobenzoyl Chloride, 98% PS	162
99-34-3	3,5-Dinitrobenzoic Acid, 98% PS	162
99-50-3	3,4-Dihydroxybenzoic Acid, 98% PS	153
99-52-5	2-Methyl-4-Nitroaniline, 98% PS	273
99-57-0	2-Amino-4-Nitrophenol, 98% PS	39
99-65-0	1,3-Dinitrobenzene (Reag. USP, Ph. Eur.) PA	162
99-65-0	1,3-Dinitrobenzene, 98% PS	162
99-76-3	Methyl 4-Hydroxybenzoate (RFE, USP-NF, BP, Ph. Eur., JP) PRS-CODEX	272
99-76-3	Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO	272
99-85-4	γ–Terpinene, 95% PS	437
99-90-1	4'-Bromoacetophenone, 98% PS	80
99-93-4	4'-Hydroxyacetophenone, 98% PS	222
99-96-7	4-Hydroxybenzoic Acid, 99% PS	222
100-01-6	4-Nitroaniline, 98% PS	289
100-02-7	4-Nitrophenol PA	291
100-02-7	4-Nitrophenol, 98% PS	291
100-09-4	4-Methoxybenzoic Acid, 99% PS	267
100-10-7	4-(Dimethylamino) Benzaldehyde (Reag. Ph. Eur.) PA-ACS	156
100-10-7	4-(Dimethylamino) Benzaldehyde PA	157
100-10-7	4-(Dimethylamino) Benzaldehyde, 99% PS	157
100-11-8	4-Nitrobenzyl Bromide, 98% PS	290
100-41-4	Ethylbenzene, 99% PS	176
100-42-5	Styrene, 99% stabilized with 4-tert-Butyl Pyrocatechol PS	428
100-44-7	Benzyl Chloride, 99% PS	72
100-47-0	Benzonitrile, 99% PS	70
100-51-6	Benzyl Alcohol PA-ACS	71
100-51-6	Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	72
100-51-6	Benzyl Alcohol (E-1519, F.C.C.) ADITIO	72
100-51-6	Benzyl Alcohol, 99% PS	72
100-52-7	Benzaldehyde, 99% PS	66
100-58-3	Phenylmagnesium Bromide 1,2M in THF PS	311
100-63-0	Phenylhydrazine (Reag. USP) PA	311
100-63-0	Phenylhydrazine, 98% PS	311
100-66-3	Anisole, 99% PS	56
100-82-3	3-Fluorobenzylamine, 97% PS	186
100-97-0	Hexamethylenetetramine (Reag. Ph. Eur.) PA-ACS	205
100-97-0	Hexamethylenetetramine PRS	205
100-97-0	Hexamethylenetetramine, 99% PS	205
102-08-9	1,3-Diphenylthiourea PA	165
102-08-9	1,3-Diphenylthiourea, 98% PS	165
102-54-5	Ferrocene, 98% PS	183
102-71-6	Triethanolamine PA	455
102-71-6	Triethanolamine (USP-NF) PRS-CODEX	456
102-71-6	Triethanolamine (BP, Ph. Eur.) CODEX	456
102-71-6	Triethanolamine, 98% PS	456
102-76-1	Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX	199
102-76-1	Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO	199
102-82-9	Tri-n-Butylamine, 99% PS	449
103-03-7	1-Phenylsemicarbazide, 99% PS	312
103-45-7	2-Phenylethyl Acetate, 98% PS	311
103-74-2	2-(2-Hydroxyethyl) Pyridine, 98% PS	223
103-82-2	Phenylacetic Acid, 99% PS	310
103-84-4	Acetanilide (Reag. USP) PA	18
103-84-4	Acetanilide PRS	18
103-84-4	Acetanilide, 99% PS	19
103-88-8	4-Bromoacetanilide, 98% PS	79
103-89-9	4'-Methylacetanilide, 98% PS	268
104-55-2	Cinnamaldehyde, 98% PS	123
104-76-7	2-Ethyl-1-Hexanol PA	181
104-76-7	2-Ethyl-1-Hexanol, 99% PS	181
104-86-9	4-Chlorobenzylamine, 98% PS	118
105-36-2	Ethyl Bromoacetate, 98% PS	176
105-53-3	Diethyl Malonate, 99% PS	152
106-24-1	Geraniol, 97% PS	195
106-38-7	4-Bromotoluene, 98% PS	87
106-40-1	4-Bromoaniline (Reag. USP) PA	80
106-40-1	4-Bromoaniline, 98% PS	80
106-41-2	4-Bromophenol, 98 % PS	85
106-42-3	p-Xylene (Reag. USP) PA	471
106-42-3	p-Xylene PRS	472
106-42-3	p-Xylene, 99% PS	472
106-44-5	p-Cresol, 98,5% PS	132
106-46-7	1,4-Dichlorobenzene, 99% PS	143
106-49-0	p-Toluidine, 99% PS	449
106-51-4	1,4-Benzoquinone, 99% PS	70
106-70-7	Methyl Hexanoate, 98% PS	272
106-89-8	Epichlorohydrin, 98% PS	168
107-06-2	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
107-06-2	1,2-Dichloroethane dry (max. 0,005% water) DS-ACS	144
107-06-2	1,2-Dichloroethane (Reag. Ph. Eur.) PA-ACS	144
107-06-2	1,2-Dichloroethane PRS	145
107-06-2	1,2-Dichloroethane, 99,5% PS	145
107-07-3	2-Chloroethanol, 99% PS	120
107-08-4	1-Iodopropane, 98% stabilized with copper PS	229
107-12-0	Propionitrile (UV-HPLC) PAI	350
107-12-0	Propionitrile, 99% PS	351
107-13-1	Acrylonitrile, 99% stabilized with hydroquinone mono-methyl ether PS	30
107-15-3	Ethylenediamine PA	177
107-15-3	Ethylenediamine, 99% PS	177
107-18-6	Allyl Alcohol, 99% PS	33
107-21-1	Ethylene Glycol (Reag. USP, Ph. Eur.) PA	179
107-21-1	Ethylene Glycol PRS	179
107-21-1	Ethylene Glycol, 99% PS	179
107-22-2	Glyoxal solution 40% PS	200
107-31-3	Methyl Formate, 97% PS	272
107-35-7	Taurine, 99% PS	437
107-41-5	2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX	274
107-88-0	1,3-Butanediol, 99% PS	91
107-92-6	n-Butyric Acid, 99% PS	98
107-98-2	1-Methoxy-2-Propanol PRS	267
107-98-2	1-Methoxy-2-Propanol, 99% PS	268
108-10-1	4-Methyl-2-Pentanone (Reag. Ph. Eur.) PA-ACS	274
108-10-1	4-Methyl-2-Pentanone (USP-NF) PRS-CODEX	274
108-10-1	4-Methyl-2-Pentanone, 99% PS	274
108-11-2	4-Methyl-2-Pentanol, 97% PS	274
108-13-4	Malonamide, 99% PS	256
108-18-9	Di-Isopropylamine, 99% PS	154
108-20-3	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PA-ACS	154
108-20-3	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PRS	155
108-20-3	Di-Isopropyl Ether, 99% stabilized with ~50 ppm of BHT PS	155
108-21-4	Isopropyl Acetate PA	238
108-21-4	Isopropyl Acetate PRS	238
108-21-4	Isopropyl Acetate, 99% PS	238
108-24-7	Acetic Anhydride (Reag. Ph. Eur.) PA-ACS-ISO	22
108-24-7	Acetic Anhydride PRS	22
108-24-7	Acetic Anhydride, 98% PS	22
108-30-5	Succinic Anhydride, 99% PS	429
108-31-6	Maleic Anhydride, 98% PS	255
108-32-7	Propylene Carbonate, 99% PS	351
108-36-1	1,3-Dibromobenzene, 97% PS	141
108-38-3	m-Xylene (Reag. Ph. Eur.) PA	471
108-38-3	m-Xylene PRS	471
108-38-3	m-Xylene, 98,5% PS	471
108-43-0	3-Chlorophenol, 98% PS	121
108-46-3	Resorcinol PA	356
108-46-3	Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	356
108-46-3	Resorcinol, 99% PS	356

108-48-5	2,6-Dimethylpyridine, 98% PS	160
108-68-9	3,5-Dimethylphenol, 99% PS	160
108-83-8	Di-Isobutylketone PRS	154
108-83-8	Di-Isobutylketone PS	154
108-86-1	Bromobenzene, 99% PS	80
108-87-2	Methylcyclohexane dry (max. 0,005% water) DS	270
108-87-2	Methylcyclohexane, 99% PS	271
108-88-3	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
108-88-3	Toluene (PAR) PAI	447
108-88-3	Toluene dry (max. 0,005% water) DS-ACS-ISO	447
108-88-3	Toluene (Reag. Ph. Eur.) PA-ACS-ISO	447
108-88-3	Toluene PRS	448
108-88-3	Toluene, 99,5% PS	448
108-88-3	Toluene QP	448
108-90-7	Chlorobenzene dry (max. 0,01% water) DS-ACS	117
108-90-7	Chlorobenzene (Reag. USP) PA-ACS	117
108-90-7	Chlorobenzene PRS	117
108-90-7	Chlorobenzene, 99,5% PS	118
108-91-8	Cyclohexylamine, 99% PS	136
108-93-0	Cyclohexanol PRS	136
108-93-0	Cyclohexanol, 99% PS	136
108-94-1	Cyclohexanone PA-ACS	136
108-94-1	Cyclohexanone, 99,5% PS	136
108-94-1	Cyclohexanone QP	136
108-95-2	Phenol PA-ACS	308
108-95-2	Phenol crystallized (detached crystals) PA-ACS	308
108-95-2	Phenol crystallized (detached crystals) (RFE, USP, BP, Ph. Eur.) PRS-CODEX	308
108-95-2	Phenol crystallized, 99% (detached crystals) PS	308
108-95-2	Phenol 90% aqueous solution (USP) PRS-CODEX	308
109-01-3	1-Methylpiperazine, 98% PS	274
109-02-4	N-Methylmorpholine, 98% PS	273
109-06-8	2-Methylpyridine, 98% PS	275
109-57-9	N-Allylthiourea, 98% PS	34
109-63-7	Boron Trifluoride-Diethyl Ether (complex) PS	78
109-65-9	1-Bromobutane, 98% PS	81
109-66-0	n-Pentane (UV-IR-HPLC) PAI	298
109-66-0	n-Pentane (PAR) PAI	298
109-66-0	n-Pentane (Reag. USP, Ph. Eur.) PA	299
109-66-0	n-Pentane PRS	299
109-66-0	n-Pentane 95% (UV-IR-HPLC) PAI	299
109-66-0	n-Pentane 95% (PAR) PAI	299
109-66-0	n-Pentane 95% dry (max. 0,005% water) DS	300
109-66-0	n-Pentane 95% PA	300
109-66-0	n-Pentane 95% PS	300
109-69-3	1-Chlorobutane (UV-IR-HPLC) PAI	119
109-69-3	1-Chlorobutane (Reag. USP) PA	119
109-69-3	1-Chlorobutane, 99% PS	119
109-80-8	1,3-Propanedithiol, 98% PS	346
109-86-4	Ethylene Glycol mono-Methyl Ether PA-ACS	180
109-86-4	Ethylene Glycol mono-Methyl Ether, 99% PS	180
109-87-5	Formaldehyde Dimethylacetal , 98% PS	191
109-89-7	Diethylamine (Reag. USP, Ph. Eur.) PA-ACS	148
109-89-7	Diethylamine, 99,5% PS	149
109-95-5	Ethyl Nitrite 50% in ethanol 96% v/v PS	182
109-97-7	Pyrrole, 98% PS	354
109-99-9	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
109-99-9	Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS	440
109-99-9	Tetrahydrofuran stabilized with ~300 ppm of BHT PA-ACS	440
109-99-9	Tetrahydrofuran stabilized with ~300 ppm of BHT PRS	441
109-99-9	Tetrahydrofuran, 99,5% stabilized with ~300 ppm of BHT PS	441
110-15-6	Succinic Acid (Reag. USP, Ph. Eur.) PA-ACS	428
110-15-6	Succinic Acid (E-363, F.C.C.) ADITIO	428
110-15-6	Succinic Acid, 99% PS	428
110-16-7	Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	255
110-16-7	Maleic Acid, 99% PS	255
110-17-8	Fumaric Acid (USP-NF) PRS-CODEX	193
110-17-8	Fumaric Acid (E-297, F.C.C.) ADITIO	193
110-17-8	Fumaric Acid, 99% PS	193
110-19-0	Isobutyl Acetate (Reag. USP) PA	234
110-19-0	Isobutyl Acetate, 99% PS	234
110-27-0	Isopropyl Myristate, 98% PS	238
110-30-5	Micropowder Wax (Licowax C®) PA	278
110-42-9	Methyl Decanoate, 98% PS	271
110-44-1	Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	403
110-44-1	Sorbic Acid (E-200, F.C.C.) ADITIO	403
110-46-3	Isoamyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	233
110-53-2	1-Bromopentane, 99% PS	85
110-54-3	n-Hexane (UV-IR-HPLC) PAI	205
110-54-3	n-Hexane (Reag. USP, Ph. Eur.) PA-ACS	206
110-54-3	n-Hexane PRS	206
110-54-3	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206
110-54-3	n-Hexane 95% (PAR) PAI	206
110-54-3	n-Hexane 95% dry (max. 0,005% water) DS-ACS	207
110-54-3	n-Hexane 95% PA-ACS	207
110-54-3	n-Hexane 95% PRS	207
110-54-3	n-Hexane 95% PS	207
110-63-4	1,4-Butanediol, 99% PS	91
110-71-4	Ethylene Glycol di-Methyl Ether PA	180
110-71-4	Ethylene Glycol di-Methyl Ether, 99% PS	180
110-80-5	Ethylene Glycol mono-Ethyl Ether (Reag. USP, Ph. Eur.) PA	179
110-80-5	Ethylene Glycol mono-Ethyl Ether PRS	180
110-80-5	Ethylene Glycol mono-Ethyl Ether, 99% PS	180
110-82-7	Cyclohexane (UV-IR-HPLC) PAI-ACS	134
110-82-7	Cyclohexane (PAR) PAI	134
110-82-7	Cyclohexane dry (max. 0,005% water) DS-ACS-ISO	135
110-82-7	Cyclohexane (Reag. Ph. Eur.) PA-ACS-ISO	135
110-82-7	Cyclohexane PRS	135
110-82-7	Cyclohexane, 99,5% PS	135
110-82-7	Cyclohexane QP	135
110-83-8	Cyclohexene, 99% stabilized with ~100 ppm of BHT PS	136
110-85-0	Piperazine anhydrous, 98% PS	316
110-86-1	Pyridine dry (max. 0,01% water) DS-ACS	352
110-86-1	Pyridine (Reag. Ph. Eur.) PA-ACS	352
110-86-1	Pyridine PRS	352
110-86-1	Pyridine, 99% PS	352
110-86-1	Pyridine (max. 0,02% water) according to Karl Fischer RE	353
110-87-2	3,4-Dihydro-2H-Pyran, 98% PS	153
110-89-4	Piperidine (Reag. Ph. Eur.) PA	317
110-89-4	Piperidine, 99% PS	317
110-91-8	Morpholine (Reag. Ph. Eur.) PA-ACS	279
110-91-8	Morpholine, 98% PS	279
110-97-4	Di-Isopropanolamine, 99% PS	154
110-98-5	Dipropylene Glycol, 98% isomers mixture PS	165
111-11-5	Methyl Octanoate, 98% PS	273
111-14-8	Heptanoic Acid, 98,5% PS	204
111-17-1	3,3'-Thiodipropionic Acid, 99% PS	442
111-25-1	1-Bromohexane, 98% PS	84
111-27-3	1-Hexanol, 98% PS	208
111-30-8	Glutaraldehyde solution 25% PS	197
111-30-8	Glutaraldehyde solution 25% DC	198
111-30-8	Glutaraldehyde solution 50% PS	198
111-40-0	Diethylenetriamine, 98% PS	150
111-42-2	Diethanolamine PA-ACS	148
111-42-2	Diethanolamine, 98% PS	148
111-46-6	Diethylene Glycol (Reag. USP, Ph. Eur.) PA	149
111-46-6	Diethylene Glycol, 98% PS	149
111-64-8	Octanoyl Chloride, 98% PS	293
111-65-9	n-Octane, 99% PS	291
111-66-0	1-Octene, 97% PS	293
111-76-2	Ethylene Glycol mono-Butyl Ether PRS	179
111-77-3	Diethylene Glycol mono-Methyl Ether, 98% PS	149
111-82-0	Methyl Laurate CG	273
111-82-0	Methyl Laurate, 98% PS	273
111-87-5	1-Octanol (Reag. USP) PA-ACS	292
111-87-5	1-Octanol, 99% PS	293
111-90-0	Diethylene Glycol mono-Ethyl Ether, 98% PS	149
111-92-2	Di-n-Butylamine, 99% PS	141
112-13-0	Decanoyl Chloride, 98% PS	138
112-27-6	Triethylene Glycol, 99% PS	456
112-34-5	Diethylene Glycol mono-Butyl Ether, 98% PS	149
112-36-7	Diethylene Glycol Diethyl Ether, 98% PS	149
112-39-0	Methyl Palmitate, 98% PS	273
112-53-8	1-Dodecanol (Reag. USP) PA-ACS	166
112-53-8	1-Dodecanol (F.C.C.) ADITIO	166
112-53-8	1-Dodecanol, 98% PS	166
112-61-8	Methyl Stearate, 98% PS	277
112-80-1	Oleic Acid (USP) PRS-CODEX	293
112-92-5	Stearyl Alcohol, 96% PS	427
115-39-9	Bromophenol Blue PA-ACS	86
115-39-9	Bromophenol Blue DC	86
115-39-9	Bromophenol Blue solution 0,04% RV	86
115-40-2	Bromocresol Purple PA	82
115-40-2	Bromocresol Purple solution 0,025% RV	82
115-40-2	Bromocresol Purple solution 0,04% RV	82
115-40-2	Bromocresol Purple 0,2% tablets 0,1g RV	82
115-41-3	Pyrocatechol Violet PA	354
115-95-7	Linalyl Acetate, 95% PS	246
116-53-0	2-Methylbutyric Acid, 98% PS	270
116-63-2	1-Amino-2-Naphthol-4-Sulphonic Acid (Reag. USP) PA-ACS	39
117-81-7	Bis (2-Ethylhexyl) Phthalate, 98% PS	74
117-92-0	Quinaldine Red PA	355
118-10-5	Cinchonine (Reag. USP, Ph. Eur.) PA	123
118-92-3	2-Aminobenzoic Acid (Anthranilic Acid) (Reag. Ph. Eur.) PA	37
118-92-3	2-Aminobenzoic Acid, 99% (Anthranilic Acid) PS	37
118-97-8	4-Chloro-3,5-Dinitrobenzoic Acid, 99% PS	120
119-26-6	2,4-Dinitrophenylhydrazine moistened with ~33% of H_2O (Reag. Ph. Eur.) PA	162
119-26-6	2,4-Dinitrophenylhydrazine, 99% moistened with ~33% of H_2O PS	162
119-36-8	Methyl Salicylate synthetic (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	277
119-36-8	Methyl Salicylate, 99% PS	277
119-53-9	Benzoin, 99% PS	70
119-61-9	Benzophenone, 99% PS	70
119-64-2	1,2,3,4-Tetrahydronaphthalene, 98% PS	441
119-93-7	o-Tolidine (Reag. USP, Ph. Eur.) PA	446
119-93-7	o-Tolidine solution 0,1% RE	447
120-51-4	Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	72
120-51-4	Benzyl Benzoate, 99% PS	72
120-72-9	Indole PA	226
120-72-9	Indole, 99% PS	227
120-80-9	Pyrocatechol (Reag. USP, Ph. Eur.) PA	354
120-80-9	Pyrocatechol, 98% PS	354
120-82-1	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
120-82-1	1,2,4-Trichlorobenzene, 98,5% PS	450
120-92-3	Cyclopentanone, 99% PS	136
121-00-6	2-tert-Butyl-4-Methoxyphenol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	96
121-00-6	2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO	96
121-14-2	2,4-Dinitrotoluene, 96% PS	163
121-33-5	Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	465
121-33-5	Vanillin (F.C.C.) ADITIO	465
121-33-5	Vanillin, 99% PS	465
121-43-7	Trimethyl Borate azeotrope with methanol 70:30 PS	458
121-44-8	Triethylamine (Reag. USP) PA	456
121-44-8	Triethylamine, 99,5% PS	456
121-54-0	Benzethonium Chloride (Reag. Ph. Eur.) PA	68
121-54-0	Benzethonium Chloride (USP, BP, Ph. Eur.) PRS-CODEX	68
121-54-0	Benzethonium Chloride 0,004 mol/l (0,004M) SV	68
121-54-0	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68
121-57-3	Sulphanilic Acid (Reag. Ph. Eur.) PA-ACS	430
121-57-3	Sulphanilic Acid PRS	430
121-57-3	Sulphanilic Acid, 99% PS	430
121-66-4	2-Amino-5-Nitrothiazole, 97% PS	39
121-69-7	N,N-Dimethylaniline PA	157
121-69-7	N,N-Dimethylaniline, 99% PS	157
121-79-9	Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	351
121-79-9	Propyl Gallate (E-310, F.C.C.) ADITIO	351
121-98-2	Methyl 4-Methoxybenzoate, 98% PS	273
122-39-4	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
122-39-4	Diphenylamine PA	164
122-39-4	Diphenylamine, 98% PS	164
122-99-6	2-Phenoxyethanol, 99% PS	310
123-11-5	4-Methoxybenzaldehyde, 98% PS	267
123-30-8	4-Aminophenol, 98% PS	39
123-31-9	Hydroquinone (USP) PRS-CODEX	222
123-31-9	Hydroquinone, 99% PS	222
123-38-6	Propanal, 98% PS	346
123-42-2	4-Hydroxy-4-Methyl-2-Pentanone PRS	224
123-42-2	4-Hydroxy-4-Methyl-2-Pentanone, 98% PS	224
123-51-3	3-Methyl-1-Butanol (Reag. Ph. Eur.) PA-ACS	269
123-51-3	3-Methyl-1-Butanol according to Gerber PA	270
123-51-3	3-Methyl-1-Butanol PRS	270
123-51-3	3-Methyl-1-Butanol, 98% PS	270
123-54-6	2,4-Pentanedione (Reag. USP, Ph. Eur.) PA	300
123-54-6	2,4-Pentanedione, 99% PS	300
123-56-8	Succinimide, 99% PS	429
123-72-8	n-Butyraldehyde, 99% PS	98
123-75-1	Pyrrolidine, 99% PS	354
123-86-4	n-Butyl Acetate (VLSI) EG	95
123-86-4	n-Butyl Acetate (Reag. USP, Ph. Eur.) PA-ACS	95
123-86-4	n-Butyl Acetate PRS	95
123-86-4	n-Butyl Acetate (F.C.C.) ADITIO	95
123-86-4	n-Butyl Acetate, 99% PS	95
123-91-1	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
123-91-1	1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO	163
123-91-1	1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	163
123-91-1	1,4-Dioxan stabilized with ~25 ppm of BHT PRS	164
123-91-1	1,4-Dioxan, 99,5% stabilized with ~25 ppm of BHT PS	164
123-92-2	Isoamyl Acetate PA	232
123-92-2	Isoamyl Acetate PRS	232
123-92-2	Isoamyl Acetate, 98% PS	232
124-04-9	Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX	30
124-04-9	Adipic Acid (E-355, F.C.C.) ADITIO	30
124-04-9	Adipic Acid, 99% PS	30
124-07-2	Octanoic Acid PRS	292

124-07-2	Octanoic Acid (RFE, BP, Ph.Eur.) CODEX	292
124-07-2	Octanoic Acid (E-570, F.C.C.) ADITIO	292
124-07-2	Octanoic Acid, 99% PS	292
124-09-4	Hexamethylenediamine, 99% PS	205
124-10-7	Methyl Myristate, 98% PS	273
124-17-4	Diethylene Glycol mono-Butyl Ether Acetate, 98% PS	149
124-40-3	Dimethylamine solution 40% PS	156
124-41-4	Sodium Methylate solution ~30% in methanol PS	391
124-41-4	Sodium Methylate 0,5 mol/l methanolic PA-ACS	391
124-42-5	Acetamidinium Chloride, 98% PS	18
124-65-2	Cacodylic Acid Sodium Salt 3-hydrate, 98% PS	98
124-68-5	2-Amino-2-Methyl-1-Propanol, 95% PS	39
125-20-2	Thymolphthalein PA-ACS	444
125-20-2	Thymolphthalein solution 0,1% RV	444
126-81-8	Dimedone PA	155
126-96-5	Sodium Hydrogen di-Acetate PRS	378
126-96-5	Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO	378
127-08-2	Potassium Acetate PA-ACS	320
127-08-2	Potassium Acetate PA	320
127-08-2	Potassium Acetate (RFE, BP, Ph. Eur.) PRS-CODEX	320
127-08-2	Potassium Acetate (E-261) ADITIO	320
127-09-3	Sodium Acetate anhydrous (Reag. Ph. Eur.) PA-ACS	364
127-09-3	Sodium Acetate anhydrous (USP) PRS-CODEX	364
127-09-3	Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO	364
127-09-3	Sodium Acetate 0,1 mol/l (0,1M) RV	365
127-09-3	Sodium Acetate 1 mol/l (1M) RV	365
127-17-3	Pyruvic Acid, 98% PS	355
127-18-4	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
127-18-4	Tetrachloroethylene PRS	439
127-18-4	Tetrachloroethylene, 99,5% PS	439
127-19-5	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
127-19-5	N,N-Dimethylacetamide (Reag. Ph. Eur.) PA	156
127-19-5	N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX	156
127-19-5	N,N-Dimethylacetamide, 99% PS	156
127-82-2	Zinc Phenolsulphonate 8-hydrate PRS	475
127-95-7	Potassium Hydrogen Oxalate PRS	331
128-08-5	N-Bromosuccinimide, 98% PS	86
128-37-0	2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.) PRS-CODEX	142
128-37-0	2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.) ADITIO	142
128-37-0	2,6-Di-tert-Butyl-4-Methylphenol, 98% PS	142
129-16-8	Mercurydibromofluoroescein PRS	261
129-17-9	Disulphine Blue (C.I. 42045) PA	165
130-15-4	1,4-Naphthoquinone, 97% PS	281
130-22-3	Alizarin Red S (C.I. 58005) PA	32
131-11-3	Dimethyl Phthalate, 99% PS	160
131-91-9	1-Nitroso-2-Naphthol (C.I. 10005) PA	291
133-32-4	1H-Indole-3-Butyric Acid, 99% PS	227
134-03-2	Sodium L(+)-Ascorbate (USP) PRS-CODEX	366
134-03-2	Sodium L(+)-Ascorbate (E-301, F.C.C) ADITIO	366
134-20-3	Methyl 2-Aminobenzoate, 99% PS	268
134-32-7	1-Naphthylamine, 99% PS	281
134-81-6	Benzil, 99% PS	69
134-85-0	4-Chlorobenzophenone, 99% PS	118
135-19-3	2-Naphthol PRS	281
135-19-3	2-Naphthol, 99% PS	281
135-20-6	Cupferron (ACS IX) PA-ACS	133
136-95-8	2-Aminobenzothiazole, 97% PS	38
137-40-6	Sodium Propionate (USP-NF) PRS-CODEX	396
139-13-9	Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS	289
139-13-9	Nitrile tri-Acetic Acid PRS	289
139-13-9	Nitrile tri-Acetic Acid, 98% PS	289
139-85-5	3,4-Dihydroxybenzaldehyde, 98% PS	153
140-11-4	Benzyl Acetate, 99% PS	71
140-22-7	1,5-Diphenylcarbazide (symmetrical) (Reag. Ph. Eur.) PA-ACS	164
140-22-7	1,5-Diphenylcarbazide PA	165
140-67-0	4-Allylanisole, 98% PS	34
140-75-0	4-Fluorobenzylamine, 97% PS	186
140-89-6	Potassium O-Ethyldithiocarbonate PA	328
140-89-6	Potassium O-Ethyldithiocarbonate, 98% PS	328
141-43-5	Ethanolamine PA-ACS	174
141-43-5	Ethanolamine, 99% PS	174
141-53-7	Sodium Formate (Reag. Ph. Eur.) PA-ACS	377
141-53-7	Sodium Formate PRS	377
141-75-3	Butyryl Chloride, 98% PS	98
141-78-6	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
141-78-6	Ethyl Acetate (PAR) PAI	174
141-78-6	Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO	175
141-78-6	Ethyl Acetate (Reag. Ph. Eur.) PA-ACS-ISO	175
141-78-6	Ethyl Acetate PRS	175
141-78-6	Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX	175
141-78-6	Ethyl Acetate (F.C.C.) ADITIO	175
141-78-6	Ethyl Acetate, 99,5% PS	176
141-95-7	Sodium Malonate, 99% PS	391
141-97-9	Ethyl Acetoacetate, 98% PS	176
142-04-1	Anilinium Chloride PA	56
142-04-1	Anilinium Chloride, 99% PS	56
142-61-0	Hexanoyl Chloride, 98% PS	209
142-62-1	Hexanoic Acid, 98% PS	208
142-63-2	Piperazine 6-hydrate PRS	316
142-82-5	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
142-82-5	n-Heptane dry (max. 0,005% water) DS	202
142-82-5	n-Heptane PA	203
142-82-5	n-Heptane PRS	203
142-82-5	n-Heptane, 99% PS	203
142-82-5	n-Heptane (ASTM) RE	203
142-82-5	Heptane, alkanes mixture PA	203
142-82-5	Heptane, alkanes mixture PRS	203
142-82-5	Heptane, alkanes mixture PS	203
142-91-6	Isopropyl Palmitate, 90% PS	238
142-96-1	Di-n-Butyl Ether, 99% PS	142
143-07-7	Lauric Acid, 99% PS	242
143-33-9	Sodium Cyanide PA-ACS	374
143-33-9	Sodium Cyanide PRS	374
143-66-8	Sodium tetra-Phenylborate (Reag. Ph. Eur.) PA-ACS	395
143-74-8	Phenol Red PA-ACS	309
143-74-8	Phenol Red solution 0,02% RV	309
144-02-5	Sodium 5,5-Diethylbarbiturate (Reag. USP, Ph. Eur.) PA	375
144-02-5	Sodium 5,5-Diethylbarbiturate (Ph. Helv.) PRS-CODEX	375
144-33-2	di-Sodium Hydrogen Citrate 1 1/2-hydrate (Reag. Ph. Eur.) PA	379
144-33-2	di-Sodium Hydrogen Citrate 1 1/2-hydrate PRS	379
144-33-2	di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO	379
144-55-8	Sodium Hydrogen Carbonate PA-ACS-ISO	379
144-55-8	Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	379
144-55-8	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO	379
147-71-7	D(-)-Tartaric Acid, 99% PS	436
147-85-3	L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX	345
147-85-3	L-Proline (F.C.C.) ADITIO	345
147-85-3	L-Proline, 99% PS	345
148-24-3	8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS	225
148-24-3	8-Hydroxyquinoline, 99% PS	234
149-44-0	Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX	377
149-57-5	2-Ethylhexanoic Acid, 99% PS	181
150-13-0	4-Aminobenzoic Acid, 99% PS	37
150-76-5	4-Methoxyphenol, 98% PS	267
150-90-3	Sodium Succinate anhydrous PRS	398
151-21-3	Sodium Dodecyl Sulphate (HPLC) PAI	376
151-21-3	Sodium Dodecyl Sulphate PA-ACS	376
151-21-3	Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	376
151-21-3	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376
151-21-3	Sodium Dodecyl Sulphate solution 10% w/v PRS	376
151-21-3	Sodium Dodecyl Sulphate 0,004 mol/l SV	376
151-50-8	Potassium Cyanide (Reag. Ph. Eur.) PA-ACS-ISO	326
151-50-8	Potassium Cyanide PRS	326
156-38-7	4-Hydroxyphenylacetic Acid, 98% PS	224
281-23-2	Adamantane, 98% PS	30
288-32-4	Imidazole (Reag. USP, Ph. Eur.) PA-ACS	225
288-32-4	Imidazole, 99% PS	225
298-14-6	Potassium Hydrogen Carbonate PA	330
298-14-6	Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	330
298-14-6	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO	330
302-17-0	Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
302-72-7	DL-Alanine PRS	32
311-28-4	Tetrabutylammonium Iodide, 98% PS	439
314-13-6	Evans Blue (C.I. 23860) DC	182
321-28-8	2-Fluoroanisole, 99% PS	185
328-50-7	2-Oxoglutaric Acid PRS	295
331-39-5	Caffeic Acid, 99% PS	100
333-20-0	Potassium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	344
333-20-0	Potassium Thiocyanate PA	345
333-20-0	Potassium Thiocyanate PRS	345
333-20-0	Potassium Thiocyanate solution 20% w/v VINIKIT	345
333-20-0	Potassium Thiocyanate solution 5% w/v VINIKIT	345
333-20-0	Potassium Thiocyanate 0,1 mol/l (0,1N) SV	345
334-48-5	Decanoic Acid, 98% PS	138
336-59-4	Heptafluorobutyric Anhydride CG	202
336-59-4	Heptafluorobutyric Anhydride, 99% PS	202
338-69-2	D-Alanine, 98% PS	35
345-35-7	2-Fluorobenzyl Chloride, 98% PS	187
348-54-9	2-Fluoroaniline, 99% PS	185
350-46-9	1-Fluoro-4-Nitrobenzene, 99% PS	187
351-28-0	3'-Fluoroacetanilide, 98% PS	184
351-54-2	3-Fluoro-4-Methoxybenzaldehyde, 98% PS	187
351-83-7	4'-Fluoroacetanilide, 98% PS	185
352-11-4	4-Fluorobenzyl Chloride, 99% PS	187
354-38-1	2,2,2-Trifluoroacetamide, 98% PS	456
361-09-1	Cholic Acid Sodium Salt, 98% PS	122
364-83-0	2',4'-Difluoroacetophenone, 98% PS	152
366-18-7	2,2'-Bipyridine (Reag. USP) PA-ISO	73
366-18-7	2,2'-Bipyridine, 99% PS	74
367-21-5	3-Chloro-4-Fluoroaniline, 98% PS	120
367-24-8	4-Bromo-2-Fluoroaniline, 98% PS	83
367-25-9	2,4-Difluoroaniline, 99% PS	152
369-33-5	3',4'-Difluoroacetophenone, 98% PS	152
369-34-6	1,2-Difluoro-4-Nitrobenzene, 98,5% PS	153
370-81-0	Oxalic Acid Bis (Cyclohexylidene hydrazide) PA	295
371-40-4	4-Fluoroaniline, 99% PS	185
371-42-6	4-Fluorothiophenol, 98% PS	188
372-09-8	Cyanoacetic Acid, 98% PS	134
372-19-0	3-Fluoroaniline, 99% PS	185
372-20-3	3-Fluorophenol, 99% PS	188
383-63-1	Ethyl Trifluoroacetate, 98% PS	182
393-52-2	2-Fluorobenzoyl Chloride, 98% PS	186
394-47-8	2-Fluorobenzonitrile, 98% PS	186
399-31-5	2'-Fluoroacetanilide, 98% PS	184
401-95-6	3,5-Bis (Trifluoromethyl) Benzaldehyde, 98% PS	75
403-42-9	4'-Fluoroacetophenone, 98% PS	185
403-54-3	3-Fluorobenzonitrile, 98% PS	186
407-25-0	Trifluoroacetic Anhydride CG	457
407-25-0	Trifluoroacetic Anhydride, 99% PS	457
420-37-1	Trimethyloxonium tetra-Fluoroborate, 97% PS	458
431-03-8	2,3-Butanedione, 98% PS	92
441-38-3	a-Benzoinoxime PA	70
445-27-2	2'-Fluoroacetophenone, 97% PS	185
445-29-4	2-Fluorobenzoic Acid, 98% PS	186
446-08-2	2-Amino-5-Fluorobenzoic Acid, 97% PS	38
446-35-5	1,3-Difluoro-4-Nitrobenzene, 98% PS	153
446-48-0	2-Fluorobenzyl Bromide, 98% PS	186
446-52-6	2-Fluorobenzaldehyde, 97% PS	185
452-63-1	2-Bromo-5-Fluorotoluene, 98% PS	84
454-89-7	3-(Trifluoromethyl) Benzaldehyde, 98% PS	457
455-36-7	3'-Fluoroacetophenone, 98% PS	185
455-91-4	3'-Fluoro-4'-Methoxyacetophenone, 99% PS	187
456-41-7	3-Fluorobenzyl Bromide, 98% PS	187
456-42-8	3-Fluorobenzyl Chloride, 97% PS	187
456-48-4	3-Fluorobenzaldehyde, 99% PS	185
456-49-5	3-Fluoroanisole, 99% PS	185
458-37-7	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134
459-32-5	4-Fluorocinnamic Acid, 98% PS	187
459-46-1	4-Fluorobenzyl Bromide, 97% PS	187
459-57-4	4-Fluorobenzaldehyde, 99% PS	186
461-58-5	1-Cyanoguanidine, 98% PS	134
461-72-3	Hydantoin, 99% PS	210
464-45-9	(-)-Borneol, 98% PS	78
470-82-6	Eucalyptol (USP) PRS-CODEX	182
470-82-6	Eucalyptol, 98% PS	182
470-82-6	Eucalyptol QP	182
471-34-1	Calcium Carbonate precipitated, low content of alkalis PA-ACS-ISO	102
471-34-1	Calcium Carbonate precipitated, low content of alkalis PA	102
471-34-1	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO	102
471-34-1	Calcium Carbonate precipitated PA	102
471-34-1	Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX	102
471-34-1	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO	103
471-34-1	Calcium Carbonate precipitated QP	103
477-73-6	Safranine O (C.I. 50240) DC	357
477-73-6	Safranine O solution 0,2% DC	358
477-73-6	Safranine O solution 1% DC	358
484-11-7	Neocuproin PA	282
485-47-2	Ninhydrin PA-ACS	284
493-52-7	Methyl Red (C.I. 13020) PA-ACS	276
494-19-9	Iminodibenzyl, 99% PS	225
497-19-8	Sodium Carbonate anhydrous EQP-ACS-ISO	369
497-19-8	Sodium Carbonate anhydrous (Reag. Ph. Eur.) PA-ACS-ISO	369
497-19-8	Sodium Carbonate anhydrous (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	369
497-19-8	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO	369
497-19-8	Sodium Carbonate 0,5 mol/l (1N) SV	370
499-06-9	3,5-Dimethylbenzoic Acid, 98% PS	157
499-75-2	5-Isopropyl-2-Methylphenol, 97% PS	238
499-83-2	Pyridine 2,6-Dicarboxylic Acid, 98% PS	353
501-30-4	Kojic Acid, 98% PS	240
504-02-9	1,3-Cyclohexanedione, 98% stabilized with 3% sodium chloride PS	135

504-29-0	2-Aminopyridine, 98% PS	40
504-63-2	1,3-Propanediol, 98% PS	346
506-64-9	Silver Cyanide PRS	361
506-96-7	Acetyl Bromide, 98% PS	28
507-19-7	2-Bromo-2-Methylpropane, 97% stabilized with potassium carbonate PS	85
512-56-1	Trimethyl Phosphate, 99% PS	458
513-48-4	2-Iodobutane, 98% stabilized with copper PS	229
513-77-9	Barium Carbonate (Reag. Ph. Eur.) PA-ACS	63
513-77-9	Barium Carbonate PA	63
513-77-9	Barium Carbonate PRS	63
515-98-0	Ammonium Lactate solution 70% w/w PS	51
516-06-3	DL-Valine, 98% PS	464
516-12-1	N-Iodosuccinimide, 98% PS	229
517-28-2	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
517-28-2	Hematoxylin (C.I. 75290) DC	201
518-47-8	Fluorescein Sodium (C.I. 45350) PA	184
518-67-2	3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA	141
524-38-9	N-Hydroxyphthalimide, 98% PS	224
525-05-3	Nitroso R Salt PA	291
526-94-3	Sodium Hydrogen Tartrate anhydrous PRS	383
526-94-3	Sodium Hydrogen Tartrate 1-hydrate (Reag. USP) PA	383
526-94-3	Sodium Hydrogen Tartrate 1-hydrate PRS	384
527-07-1	Sodium D-Gluconate (USP) PRS-CODEX	377
531-55-5	Azur B (C.I. 52010) DC	62
531-57-7	Azur C (C.I. 52002) DC	62
531-85-1	Benzidinium di-Chloride PA	69
532-32-1	Sodium Benzoate PA	366
532-32-1	Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	366
532-32-1	Sodium Benzoate (E-211, F.C.C.) ADITIO	366
534-16-7	Silver Carbonate PRS	361
534-22-5	2-Methylfuran, 99% PS	272
536-74-3	Phenylacetylene, 97% PS	324
538-62-5	1,5-Diphenylcarbazone (contains diphenylcarbazide) (Reag. Ph. Eur.) PA-ACS	165
538-75-0	N,N'-Dicyclohexylcarbodiimide, 98% PS	148
540-37-4	4-Iodoaniline, 98% PS	228
540-69-2	Ammonium Formate PRS	47
540-72-7	Sodium Thiocyanate PA-ACS	401
540-72-7	Sodium Thiocyanate PRS	401
540-72-7	Sodium Thiocyanate 0,1 mol/l (0,1N) SV	401
540-84-1	Isooctane (UV-IR-HPLC) PAI-ACS	235
540-84-1	Isooctane (PAR) PAI	235
540-84-1	Isooctane dry (max. 0,005% water) DS-ACS	236
540-84-1	Isooctane (Reag. Ph. Eur.) PA-ACS	236
540-84-1	Isooctane PRS	236
540-84-1	Isooctane, 99% PS	236
540-84-1	Isooctane (ASTM) RE	236
540-88-5	tert-Butyl Acetate, 98% PS	95
541-73-1	1,3-Dichlorobenzene, 98% PS	143
541-88-8	Chloroacetic Anhydride, 97% PS	117
542-56-3	Isobutyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	234
542-69-8	1-Iodobutane, 98% stabilized with copper PS	228
543-80-6	Barium Acetate PA-ACS	62
543-80-6	Barium Acetate PRS	62
544-16-1	n-Butyl Nitrite stabilized with ~0,5% of sodium carbonate anhydrous PS	98
544-17-2	Calcium Formate PRS	105
544-63-8	Myristic Acid, 98% PS	280
544-92-3	Copper(I) Cyanide PRS	129
544-92-3	Copper(I) Cyanide, 98% PS	130
546-68-9	Titanium(IV) Isopropylate, 97% PS	446
547-58-0	Methyl Orange (C.I. 13025) PA-ACS	273
547-58-0	Methyl Orange solution 0,04% RV	273
547-58-0	Methyl Orange solution 0,1% RV	285
548-24-3	Eosin Bluish (C.I. 45400) DC	167
548-62-9	Crystal Violet (C.I. 42555) PA-ACS	133
548-62-9	Crystal Violet (C.I. 42555) DC	133
548-62-9	Gentian Violet (C.I. 42535+42555) DC	195
552-89-6	2-Nitrobenzaldehyde, 99% PS	289
553-24-2	Neutral Red (C.I. 50040) PA	282
553-24-2	Neutral Red (C.I. 50040) DC	282
554-13-2	Lithium Carbonate (Reag. Ph. Eur.) PA-ACS	247
554-13-2	Lithium Carbonate PRS	247
554-84-7	3-Nitrophenol, 98% PS	290
555-31-7	Aluminium Isopropylate, 98% PS	35
555-68-0	3-Nitrocinnamic Acid, 99% PS	290
557-04-0	Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX	254
557-04-0	Magnesium Stearate (E-470b, F.C.C.) ADITIO	254
557-04-0	Magnesium Stearate QP	254
557-05-1	Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	475
557-05-1	Zinc Stearate QP	475
557-21-1	Zinc Cyanide PRS	474
563-41-7	Semicarbazide Hydrochloride PA	359
563-41-7	Semicarbazide Hydrochloride, 99% PS	359
563-63-3	Silver Acetate PRS	361
573-58-0	Congo Red (C.I. 22120) PA	128
573-58-0	Congo Red (C.I. 22120) DC	128
574-09-4	Benzoin Ethyl Ether, 99% PS	70
576-23-8	3-Bromo-1,2-Dimethylbenzene, 99% PS	83
580-13-2	2-Bromonaphthalene, 97% PS	85
581-64-6	Thionin (C.I. 52000) DC	442
584-08-7	Potassium Carbonate (Reag. Ph. Eur.) PA-ACS-ISO	322
584-08-7	Potassium Carbonate PA	322
584-08-7	Potassium Carbonate PRS	322
584-08-7	Potassium Carbonate (USP, BP, Ph. Eur.) CODEX	323
584-08-7	Potassium Carbonate (E-501i, F.C.C.) ADITIO	323
584-08-7	Potassium Carbonate QP	323
584-42-9	Alizarin Yellow GG (C.I. 14025) PA	33
586-75-4	4-Bromobenzoyl Chloride, 98% PS	81
586-89-0	4-Acetylbenzoic Acid, 98% PS	27
587-04-2	3-Chlorobenzaldehyde, 99% PS	117
587-98-4	Metanil Yellow (C.I. 13065) PA	264
589-15-1	4-Bromobenzyl Bromide, 98% PS	81
589-87-7	1-Bromo-4-Iodobenzene, 98% stabilized with copper PS	84
589-92-4	4-Methylcyclohexanone, 98% PS	271
590-28-3	Potassium Cyanate, 97% PS	326
590-29-4	Potassium Formate PRS	329
591-20-8	3-Bromophenol, 98% PS	85
592-85-8	Mercury(II) Thiocyanate (Reag. USP, Ph. Eur.) PA	263
593-56-6	O-Methylhydroxylammonium Chloride PA	272
594-61-6	2-Hydroxyisobutyric Acid, 99% PS	223
596-27-0	o-Cresolphthalein PA	132
598-62-9	Manganese(II) Carbonate x-hydrate PRS	257
599-00-8	Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI	457
600-05-5	2,3-Dibromopropionic Acid, 98% PS	141
603-35-0	Triphenylphosphine, 99% PS	459
603-45-2	Rosolic Acid (C.I. 43800) PA	357
609-65-4	2-Chlorobenzoyl Chloride, 98% PS	118
609-99-4	3,5-Dinitrosalicylic Acid, 98% PS	163
610-72-0	2,5-Dimethylbenzoic Acid, 98% PS	157
611-34-7	5-Aminoquinoline, 98% PS	40
611-72-3	DL-Mandelic Acid, 99% PS	256
612-25-9	2-Nitrobenzyl Alcohol, 99% PS	290
612-41-9	2-Nitrocinnamic Acid, 98% PS	290
615-36-1	2-Bromoaniline, 98% PS	80
615-43-0	2-Iodoaniline, 98% PS	228
616-38-6	Dimethyl Carbonate, 99% PS	158
616-79-5	2-Amino-5-Nitrobenzoic Acid, 97% PS	39
616-91-1	N-Acetyl-L-Cysteine, 98% PS	28
617-45-8	DL-Aspartic Acid PRS	61
617-45-8	DL-Aspartic Acid (F.C.C.) ADITIO	61
617-48-1	DL-Malic Acid (USP-NF) PRS-CODEX	256
617-48-1	DL-Malic Acid (E-296, F.C.C.) ADITIO	256
617-48-1	DL-Malic Acid, 99% PS	256
618-46-2	3-Chlorobenzoyl Chloride, 98% PS	118
619-89-6	4-Nitrocinnamic Acid, 97% PS	290
620-45-1	2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	148
623-00-7	4-Bromobenzonitrile, 99% PS	80
623-05-2	4-Hydroxibenzyl Alcohol, 99% PS	222
623-37-0	3-Hexanol, 98% PS	209
624-49-7	Dimethyl Fumarate, 98% PS	159
627-63-4	Fumaryl Chloride, 97% PS	194
629-04-9	1-Bromoheptane, 98% PS	84
631-61-8	Ammonium Acetate (Reag. Ph. Eur.) PA-ACS	43
631-61-8	Ammonium Acetate PRS	44
631-61-8	Ammonium Acetate 1M buffered to pH=7, extractant solution RE	44
632-22-4	1,1,3,3-Tetramethylurea, 99% PS	442
632-69-9	Rose Bengal (C.I. 45440) DC	357
632-99-5	Fuchsin Basic (C.I. 42510) DC	193
633-03-4	Brilliant Green (C.I. 42040) DC	78
633-03-4	Brilliant Green aqueous solution 5% DC	78
633-96-5	Orange II (C.I. 15510) PA	293
633-96-5	Orange II (C.I. 15510) DC	293
635-21-2	2-Amino-5-Chlorobenzoic Acid, 98% PS	38
636-61-3	D(+)-Malic Acid, 99% PS	255
636-73-7	3-Pyridinesulphonic Acid, 98% PS	353
637-03-6	Phenylarsine Oxide, 95% PS	311
637-60-5	p-Tolylhydrazinium Chloride, 98% PS	449
638-07-3	Ethyl 4-Chloroacetoacetate, 98% PS	176
640-19-7	2-Fluoroacetamide, 98% PS	184
640-68-6	D-Valine, 99% PS	464
646-06-0	1,3-Dioxolane, 99% stabilized with ~50 ppm BHT and ~100 ppm triethylamine PS	164
657-27-2	L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX	250
657-27-2	L-Lysine mono-Hydrochloride (F.C.C.) ADITIO	250
657-27-2	L-Lysine mono-Hydrochloride, 99% PS	250
659-28-9	4-(Trifluoromethoxy) Benzaldehyde, 98% PS	457
666-52-4	Acetone-D6 deuteration degree min. 99,95% (NMR) PAI	24
666-52-4	Acetone-D6 deuteration degree min. 99,8% (NMR) PAI	24
666-52-4	Acetone-D6 deuteration degree min. 99,5% (NMR) PAI	24
670-80-4	1-(4-Morpholino) Cyclohexene, 98% PS	280
685-27-8	N-Methyl-Bis (Trifluoroacetamide) CG	269
685-27-8	N-Methyl-Bis (Trifluoroacetamide), 97% PS	269
687-47-8	Ethyl (S)-(-)-Lactate PRS	181
687-47-8	Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO	181
687-47-8	Ethyl (S)-(-)-Lactate, 98% PS	181
693-13-0	N,N'-Diisopropylcarbodiimide, 98% PS	154
693-58-3	1-Bromononane, 98% PS	85
699-12-7	2-(Phenylthio) Ethanol, 98% PS	312
700-58-3	2-Adamantanone, 98% PS	30
765-43-5	Cyclopropylmethylketone, 98% PS	137
768-95-6	1-Adamantanol, 99% PS	30
811-98-3	Methanol-D4 deuteration degree min. 99,95% (NMR) PAI	266
811-98-3	Methanol-D4 deuteration degree min. 99,8% (NMR) PAI	267
814-95-9	Strontium Oxalate 1-hydrate PRS	428
815-06-5	N-Methyltrifluoroacetamide, 98% PS	277
822-16-2	Sodium Stearate PRS	398
822-16-2	Sodium Stearate (E-470a) ADITIO	398
823-78-9	3-Bromobenzyl Bromide, 99% PS	81
823-85-8	4-Fluorophenylhydrazinium Chloride, 97% PS	188
845-10-3	Methyl Red Sodium Salt (C.I. 13020) PA-ACS	276
860-22-0	Indigo Carmine (C.I. 73015) PA	226
860-22-0	Indigo Carmine (C.I. 73015) DC	226
865-49-6	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454
865-49-6	Trichloromethane-D1 deuteration degree min. 99,95% stabilized with Ag (NMR) PAI	454
865-49-6	Trichloromethane-D1 deuteration degree min. 99,8% stabilized with Ag (NMR) PAI	454
867-56-1	Sodium Lactate PRS	390
868-14-4	Potassium Hydrogen Tartrate PA	333
868-14-4	Potassium Hydrogen Tartrate PRS	334
868-14-4	Potassium Hydrogen Tartrate *(USP)	334
868-14-4	Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO	334
872-50-4	1-Methyl-2-Pyrrolidone (VLSI) EG	275
872-50-4	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
872-50-4	1-Methyl-2-Pyrrolidone PA-ACS	276
872-50-4	1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX	276
872-50-4	1-Methyl-2-Pyrrolidone, 99% PS	276
873-76-7	4-Chlorobenzyl Alcohol, 98% PS	118
877-24-7	Potassium Hydrogen Phthalate EQP-ACS-ISO	333
877-24-7	Potassium Hydrogen Phthalate PA-ISO	333
877-24-7	Potassium Hydrogen Phthalate PRS	333
915-67-3	Amaranth (C.I. 16185) (Reag. USP) PA	37
930-28-9	Chlorocyclopentane, 98% PS	119
932-77-4	3-Bromobenzyl Chloride, 99% PS	81
996-50-9	N-(Trimethylsilyl) Diethylamine CG	458
999-97-3	Hexamethyldisilazane (VLSI) EG	204
999-97-3	Hexamethyldisilazane CG	204
999-97-3	Hexamethyldisilazane, 98% PS	205
1003-29-8	Pyrrole-2-Carboxaldehyde, 98% PS	354
1064-48-8	Amido Black 10B (C.I. 20470) (Reag. Ph. Eur.) PA	37
1064-48-8	Amido Black 10B (C.I. 20470) DC	37
1066-33-7	Ammonium Hydrogen Carbonate (Reag. Ph. Eur.) PA	47
1066-33-7	Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX	47
1066-33-7	Ammonium Hydrogen Carbonate (E-503ii, F.C.C.) ADITIO	48
1066-54-2	Trimethylsilylacetylene, 98% PS	458
1071-83-6	N-(Phosphonomethyl) Glycine, 95% PS	313
1073-06-9	1-Bromo-3-Fluorobenzene, 98% PS	84
1073-67-2	4-Chlorostyrene, 98% PS	121
1073-70-7	4-Chlorophenylhydrazinium Chloride, 98% PS	121
1074-82-4	Phthalimide Potassium Salt, 98% PS	316
1076-43-3	Benzene-D6 deuteration degree min. 99,95% (NMR) PAI	67
1076-43-3	Benzene-D6 deuteration degree min. 99,8% (NMR) PAI	67
1076-43-3	Benzene-D6 deuteration degree min. 99,5% (NMR) PAI	68
1119-34-2	L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	60
1119-97-7	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114
1121-37-5	Dicyclopropylketone, 98% PS	148
1122-58-3	4-(Dimethylamino) Pyridine, 99% PS	157
1122-91-4	4-Bromobenzaldehyde, 99% PS	80
1142-20-7	N-Z-L-Alanine, 98% PS	472
1148-11-4	N-Z-L-Proline, 98% PS	477
1149-16-2	Glyoxal-Bis (2-Hydroxyanil) (Reag. Ph. Eur.) PA	200
1149-26-4	N-Z-L-Valine, 99% PS	477
1152-61-0	N-Z-L-Aspartic Acid, 98% PS	472
1155-62-0	N-Z-L-Glutamic Acid, 98% PS	473
1161-13-3	N-Z-L-Phenylalanine, 98% PS	477
1164-16-5	N-Z-L-Tyrosine hydrate, 98% PS	477

1185-53-1	Tris (Hydroxymethyl) Aminomethane Hydrochloride PA	460
1185-57-5	Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX	50
1185-57-5	Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO	50
1185-57-5	Ammonium Iron(III) Citrate green PRS	50
1185-57-5	Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO	50
1193-72-2	4-Bromo-1,3-Dichlorobenzene, 98% PS	83
1194-02-1	4-Fluorobenzonitrile, 99% PS	186
1194-65-6	2,6-Dichlorobenzonitrile, 97% PS	144
1198-37-4	2,4-Dimethylquinoline, 97% PS	160
1202-39-7	3,4-Dichlorocinnamic Acid, 97% PS	144
1234-35-1	N–α–Z-L-Arginine, 98% PS	472
1260-17-9	Carminic Acid (C.I. 75470) DC	113
1260-17-9	Cochineal (C.I. 75470) PA	127
1303-96-4	di-Sodium tetra-Borate 10-hydrate PA-ACS-ISO	367
1303-96-4	di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	368
1303-96-4	di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT	368
1304-28-5	Barium Oxide, 97% PS	65
1304-76-3	Bismuth(III) Oxide QP	75
1305-62-0	Lime Water saturated solution RE	245
1305-62-0	Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	106
1305-62-0	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO	106
1305-62-0	Calcium Hydroxide native, powder QP	106
1305-62-0	Calcium Hydroxide 2 mol/l (suspension) VINIKIT	106
1305-78-8	Calcium Oxide natural, pieces QP	107
1306-19-0	Cadmium Oxide PRS	100
1306-38-3	Cerium(IV) Oxide PRS	114
1308-06-1	Cobalt(II,III) Oxide PRS	126
1309-37-1	Iron(III) Oxide QP	231
1309-42-8	Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX	252
1309-48-4	Magnesium Oxide light (RFE, BP, Ph. Eur.) PRS-CODEX	253
1309-48-4	Magnesium Oxide (F.C.C.) ADITIO	253
1309-48-4	Magnesium Oxide QP	253
1309-60-0	Lead(IV) Oxide PRS	244
1309-64-4	Antimony(III) Oxide PA	57
1309-64-4	Antimony(III) Oxide QP	57
1310-58-3	Potassium Hydroxide 85% pellets PA-ACS-ISO	334
1310-58-3	Potassium Hydroxide 85% pellets PA	334
1310-58-3	Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX	334
1310-58-3	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO	335
1310-58-3	Potassium Hydroxide 90% flakes QP	335
1310-58-3	Potassium Hydroxide solution 40% w/w PA	335
1310-58-3	Potassium Hydroxide solution 40% w/v RE	335
1310-58-3	Potassium Hydroxide 0,1 mol/l (0,1N) SV	335
1310-58-3	Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SVc	335
1310-58-3	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336
1310-58-3	Potassium Hydroxide 0,5 mol/l (0,5N) SV	336
1310-58-3	Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SVc	336
1310-58-3	Potassium Hydroxide 1 mol/l (1N) SV	336
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1310-73-2	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO	384
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1310-73-2	Sodium Hydroxide flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384
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1310-73-2	Sodium Hydroxide 0,05 mol/l (0,05N) SV	386
1310-73-2	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
1310-73-2	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
1310-73-2	Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	387
1310-73-2	Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SVc	387
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1310-73-2	Sodium Hydroxide 0,5 mol/l (0,5N) SV	387
1310-73-2	Sodium Hydroxide 1 mol/l (1N) SV	387
1310-73-2	Sodium Hydroxide 1 mol/l (1N) SV	388
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1311-10-0	Strontium Hydroxide 8-hydrate PRS	427
1312-81-8	Lanthanum(III) Oxide (Reag. Ph. Eur.) PA	242
1312-81-8	Lanthanum(III) Oxide PRS	242
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1313-60-6	Sodium Peroxide granulated PA-ACS	394
1313-60-6	Sodium Peroxide granulated PA	394
1313-60-6	Sodium Peroxide, 95% granulated PS	395
1313-84-4	Sodium Sulphide x-hydrate QP	399
1313-99-1	Nickel Oxide black PRS	284
1314-13-2	Zinc Oxide EQP-ACS	474
1314-13-2	Zinc Oxide PA-ACS	475
1314-13-2	Zinc Oxide PRS	475
1314-13-2	Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX	475
1314-13-2	Zinc Oxide (F.C.C.) ADITIO	475
1314-15-4	Platinum(IV) Oxide x-hydrate PS	317
1314-41-6	Lead tetra-Oxide PA	244
1314-56-3	di-Phosphorus penta-Oxide (Reag. Ph. Eur.) PA-ACS-ISO	315
1314-56-3	di-Phosphorus penta-Oxide PRS	315
1314-56-3	di-Phosphorus penta-Oxide, 98% PS	315
1314-62-1	Vanadium(V) Oxide PRS	465
1314-98-3	Zinc Sulphide QP	477
1317-36-8	Lead(II) Oxide (DAC) PRS-CODEX	244
1317-37-9	Iron(II) Sulphide cylinders PRS	232
1317-38-0	Copper(II) Oxide PA	130
1317-38-0	Copper(II) Oxide PRS	130
1317-39-1	Copper(I) Oxide red, 95% PS	131
1318-02-1	Molecular Sieve 3A (2 mm diameter particle) RE	278
1318-02-1	Molecular Sieve 4A RE	278
1318-02-1	Molecular Sieve 5A (2 mm diameter particle) RE	279
1318-02-1	Molecular Sieve 10A (2 mm diameter particle) RE	279
1318-74-7	Aluminium Silicate QP	36
1327-53-3	Arsenic(III) Oxide EQP-ACS	60
1327-53-3	Arsenic(III) Oxide (Reag. Ph. Eur.) PA	60
1327-53-3	Arsenic(III) Oxide PRS	60
1330-20-7	Xylene, mixture of isomers dry (max. 0,005% water) DS-ISO	469
1330-20-7	Xylene, mixture of isomers (Reag. Ph. Eur.) PA-ACS-ISO	469
1330-20-7	Xylene, mixture of isomers PRS	469
1330-20-7	Xylene, 98,5% mixture of isomers PS	470
1330-20-7	Xylene, mixture of isomers QP	470
1330-20-7	Xylene, mixture of isomers DC	470
1330-20-7	Xylene, mixture of isomers, low in ethylbenzene (max. 4%) PA-ACS-ISO	470
1330-43-4	di-Sodium tetra-Borate anhydrous PA	367
1330-43-4	di-Sodium tetra-Borate anhydrous PRS	367
1333-82-0	Chromium(VI) Oxide (Reag. Ph. Eur.) PA	122
1333-82-0	Chromium(VI) Oxide QP	123
1335-32-6	Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS	243
1335-32-6	Lead(II) Hydroxideacetate PA	243
1335-32-6	Lead(II) Hydroxideacetate solution PRS	243
1335-32-6	Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA	244
1336-21-6	Ammonia 30% (as NH3) PA-ACS	40
1336-21-6	Ammonia 30% (as NH3) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	40
1336-21-6	Ammonia 30% (as NH3) (E-527, F.C.C.) ADITIO	41
1336-21-6	Ammonia 25% (as NH3) (Reag. USP, Ph. Eur.) PA	41
1336-21-6	Ammonia 25% (as NH3) (BP, Ph. Eur.) PRS-CODEX	41
1336-21-6	Ammonia 25% (as NH3) ADITIO	41
1336-21-6	Ammonia 25% (as NH3) QP	41
1336-21-6	Ammonia 20% (as NH3) (TMA) HIPERPUR-PLUS	42
1336-21-6	Ammonia 20% (as NH3) (TMA) HIPERPUR	42
1336-21-6	Ammonia 20% (as NH3) PA	43
1336-21-6	Ammonia 20% (as NH3) PRS	43
1336-21-6	Ammonia 1 mol/l (1N) SV	43
1338-39-2	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403
1338-39-2	Sorbitan Monolaurate PS	403
1338-41-6	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404
1338-41-6	Sorbitan Monostearate PS	404
1338-43-8	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403
1338-43-8	Sorbitan Monooleate PS	403
1341-49-7	Ammonium Hydrogen di-Fluoride PRS	48
1344-09-8	Sodium Silicate neutral solution QP	398
1344-28-1	Aluminium Oxide Basic (Reag. Ph. Eur.) PA	35
1344-43-0	Manganese(II) Oxide PRS	258
1390-65-4	Carmine (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC	112
1390-65-4	Carmine hydrosoluble (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) PA	113
1393-92-6	Litmus soluble PA	249
1393-92-6	Litmus soluble RE	249
1393-92-6	Litmus stain RV	249
1400-62-0	Orcein DC	293
1401-55-4	Tannic Acid PA-ACS	436
1401-55-4	Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	436
1401-55-4	Tannic Acid (F.C.C.) ADITIO	436
1435-48-9	1,3-Dichloro-4-Fluorobenzene, 99% PS	145
1461-15-0	Calcein PA	101
1465-25-4	N-(1-Naphthyl) Ethylenediamine Dihydrochloride PA-ACS	281
1468-95-7	9-Anthracenemethanol, 98% PS	57
1470-61-7	Silver Diethyldithiocarbamate (Reag. USP, Ph. Eur.) PA-ACS	362
1493-13-6	Trifluoromethansulphonic Acid, 99% PS	457
1493-27-2	1-Fluoro-2-Nitrobenzene, 99% PS	187
1592-23-0	Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
1592-23-0	Calcium Stearate (E-470a, F.C.C.) ADITIO	108
1592-23-0	Calcium Stearate QP	108
1600-27-7	Mercury(II) Acetate (Reag. Ph. Eur.) PA-ACS	261
1600-27-7	Mercury(II) Acetate PRS	261
1615-02-7	4-Chlorocinnamic Acid, 99% PS	119
1633-05-2	Strontium Carbonate PRS	427
1634-04-4	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
1634-04-4	tert-Butyl Methyl Ether (PAR) PAI	97
1634-04-4	tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) PA-ACS	97
1634-04-4	tert-Butyl Methyl Ether PRS	97
1634-04-4	tert-Butyl Methyl Ether, 99,5% PS	97
1643-19-2	Tetrabutylammonium Bromide, 98% PS	438
1662-01-7	Bathophenanthroline PA	66
1665-00-5	Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI	147
1665-00-5	Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI	148
1665-00-5	Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI	148
1667-01-2	2',4',6'-Trimethylacetophenone, 98% PS	458
1668-00-4	Arsenazo III (Reag. USP) PA	60
1693-74-9	Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI	441
1711-07-5	3-Fluorobenzoyl Chloride, 98% PS	186
1711-09-7	3-Bromobenzoyl Chloride, 98% PS	81
1730-91-2	D-2-Methylbutyric Acid, 98% PS	270
1733-12-6	Cresol Red PA	132
1733-12-6	Cresol Red solution 0,04% RV	133
1747-60-0	2-Amino-6-Methoxybenzothiazole, 98% PS	39
1762-95-4	Ammonium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	54
1762-95-4	Ammonium Thiocyanate PRS	54
1762-95-4	Ammonium Thiocyanate 0,1 mol/l (0,1N) SV	54
1762-95-4	Ammonium Thiocyanate 0,1 mol (7,612g NH4SCN) to prepare 1l of 0,1N solution SVc	55
1762-95-4	Ammonium Thiocyanate 1 mol/l (1N) SV	55
1787-61-7	Eriochrome Black T (C.I. 14645) PA-ACS	168
1824-81-3	2-Amino-6-Methylpyridine, 98% PS	39
1829-00-1	Titan Yellow (C.I. 19540) PA	446
1863-63-4	Ammonium Benzoate PA-ACS	44
1863-63-4	Ammonium Benzoate PRS	44
1866-38-2	3-Chlorocinnamic Acid, 99% PS	119
1934-21-0	Tartrazine (C.I. 19140) DC	437
1934-21-0	Tartrazine solution 0,5 % w/v RE	437
1936-15-8	Orange G (C.I. 16230) PA	293
1945-77-3	Methylthymol Blue Sodium Salt PA-ACS	277

1984-06-1	Sodium Caprylate *(Ph. Eur., BP)	369
2024-83-1	3,4-Dimethoxybenzonitrile, 98% PS	155
2037-26-5	Toluene-D8 deuteration degree min. 99,8% (NMR) PAI	448
2037-26-5	Toluene-D8 deuteration degree min. 99,5% (NMR) PAI	448
2050-23-9	Diethyl Suberate, 98% PS	152
2052-49-5	Tetrabutylammonium Hydroxide aqueous solution 20% w/w PS	438
2052-49-5	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV	438
2052-49-5	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV	439
2128-93-0	4-Benzoylbiphenyl, 98% PS	70
2142-63-4	3'-Bromoacetophenone, 98% PS	80
2206-26-0	Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI	27
2206-26-0	Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI	27
2206-26-0	Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI	27
2206-27-1	Dimethyl Sulphoxide-D6 deuteration degree min. 99,95% (NMR) PAI	161
2206-27-1	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161
2206-27-1	Dimethyl Sulphoxide-D6 deuteration degree min. 99,8% (NMR) PAI	161
2216-51-5	L(-)-Menthol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	260
2216-51-5	L(-)-Menthol, 99% PS	260
2217-15-4	Diisopropyl L(+)-Tartrate, 98% PS	155
2243-76-7	Alizarin Yellow R (C.I. 14030) PA	33
2303-01-7	m-Cresol Purple PA	132
2321-07-5	Fluorescein (C.I. 45350) PA	184
2345-34-8	4-Acetoxybenzoic Acid, 99% PS	27
2353-45-9	Fast Green FCF (C.I. 42053) DC	183
2381-85-3	Nile Blue A Chloride (C.I. 51180) DC	284
2386-54-1	1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI	92
2386-54-1	1-Butane Sulphonic Acid Sodium Salt, 98% PS	92
2390-59-2	Ethyl Violet (C.I. 42600) PA	182
2398-37-0	3-Bromoanisole, 98% PS	80
2411-89-4	Phthalein Purple PA-ACS	315
2419-94-5	N-Boc-L-Glutamic Acid, 98% PS	76
2437-29-8	Malachite Oxalate Green (C.I. 42000) DC	255
2465-27-2	Auramine O (C.I. 41000) DC	61
2488-15-5	N-Boc-L-Methionine, 98% PS	76
2516-33-8	Cyclopropylmethanol, 98% PS	137
2516-47-4	Cyclopropylmethylamine, 96% PS	137
2528-61-2	Heptanoyl Chloride, 98,5% PS	204
2538-85-4	Calcon (C.I. 15705) PA	108
2553-71-1	Bromochlorophenol Blue PA	81
2555-49-9	Ethyl Phenoxyacetate, 98% PS	182
2576-47-8	2-Bromoethylammonium Bromide, 99% PS	83
2580-56-5	Victoria Blue B (C.I. 44045) DC	466
2592-18-9	N-Boc-L-Threonine, 98% PS	76
2622-05-1	Allylmagnesium Chloride 2M in THF PS	34
2642-63-9	3',4'-Dichloroacetophenone, 98% PS	143
2644-70-4	Hydrazinium mono-Chloride PRS	210
2644-70-4	Hydrazinium mono-Chloride, 99% PS	211
2832-45-3	1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI	208
2868-37-3	Methyl Cyclopropanecarboxilate, 98% PS	271
2924-15-4	2-Fluorophenylhydrazinium Chloride, 97% PS	188
2924-16-5	3-Fluorophenylhidrazinium Chloride, 97% PS	188
2958-36-3	2-Amino-2',5-Dichlorobenzophenone, 99% PS	38
3012-65-5	di-Ammonium Hydrogen Citrate (Reag. Ph. Eur.) PA-ACS	48
3012-65-5	di-Ammonium Hydrogen Citrate PRS	48
3051-09-0	Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS	280
3087-16-9	Lissamine Green B (C.I. 44090) DC	246
3109-63-5	Tetrabutylammonium Hexafluorophosphate, 98% PS	438
3132-99-8	3-Bromobenzaldehyde, 97% PS	80
3164-29-2	di-Ammonium Tartrate PA	54
3164-29-2	di-Ammonium Tartrate PRS	54
3184-13-2	L-Ornithine Hydrochloride, 99% PS	294
3244-88-0	Fuchsin Acid (C.I. 42685) DC	193
3262-72-4	N-Boc-L-Serine hydrate, 98% PS	76
3277-26-7	1,1,3,3-Tetramethyldisiloxane, 97% PS	441
3279-54-7	di-Sodium Phenyl Phosphate 2-hydrate PA	395
3344-18-1	tri-Magnesium di-Citrate 9-hydrate PRS	252
3433-80-5	2-Bromobenzyl Bromide, 98% PS	81
3473-63-0	Formamidinium Acetate, 99% PS	191
3564-18-9	Eriochromecyanine R (C.I. 43820) PA	168
3618-43-7	Xylenol Orange Tetrasodium Salt PA-ACS	472
3648-21-3	Di-n-Heptyl Phthalate, 98% PS	153
3688-92-4	Thorin 8-hydrate PA	443
3737-95-9	Calconcarboxylic Acid (Reag. Ph. Eur.) PA	108
3752-25-8	2-Chlorocinnamic Acid, 99% PS	119
3811-04-9	Potassium Chlorate (Reag. Ph. Eur.) PA-ACS	323
3811-04-9	Potassium Chlorate (Ph. Helv.) PRS-CODEX	323
3844-45-9	Brilliant Blue FCF (C.I. 42090) DC	78
3900-45-6	2-Acetyl-6-Methoxynaphthalene, 98% PS	28
3952-78-1	Alizarin-3-Methylamine-N,N-Diacetic Acid (Reag. Ph. Eur.) PA	32
3978-80-1	N-Boc-L-Tyrosine, 98% PS	77
4023-34-1	Cyclopropanecarbonyl Chloride, 95% PS	137
4075-81-4	Calcium Propionate (E-282, F.C.C.) ADITIO	107
4152-90-3	3-Chlorobenzylamine, 98% PS	118
4196-99-0	Biebrich Scarlet (C.I. 26905) DC	73
4197-25-5	Sudan Black B (C.I. 26150) DC	429
4254-88-0	(S)-2-Aminosuberic Acid	492
4333-56-6	Cyclopropyl Bromide, 98% PS	137
4397-53-9	4-Benzyloxybenzaldehyde, 98% PS	72
4430-20-0	Chlorophenol Red PA	121
4472-41-7	N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI	159
4518-10-9	Methyl 3-Aminobenzoate, 98% PS	268
4530-20-5	N-Boc-Glycine, 98% PS	76
4584-49-0	2-(Dimethylamino) Isopropyl Chloride Hydrochloride, 98% PS	157
4637-24-5	N,N-Dimethylformamide-Dimethylacetal CG	159
4637-24-5	N,N-Dimethylformamide-Dimethylacetal, 95% PS	159
4741-41-7	(S, S)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)- Piperidine	493
4792-18-1	(R, R)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)- Piperidine	493
5108-96-3	1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt PA	354
5141-20-8	Light Green solution 0,1% DC	245
5144-89-8	1,10-Phenanthroline 1-hydrate PA-ACS	308
5263-02-5	Zinc Hydroxide Carbonate QP	474
5324-84-5	1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI	292
5326-34-1	4-Bromo-3-Nitrotoluene, 98% PS	85
5329-14-6	Sulphamic Acid (Reag. USP, Ph. Eur.) PA-ACS	429
5329-14-6	Sulphamic Acid, 99% PS	429
5341-61-7	Hydrazinium di-Chloride (Reag. USP) PA	211
5341-61-7	Hydrazinium di-Chloride, 99% PS	211
5382-16-1	4-Hydroxypiperidine, 98% PS	224
5421-66-9	Bismarck Brown R (C.I. 21010) DC	74
5470-11-1	Hydroxylammonium Chloride (max. 0,000001% Hg) PA-ACS-ISO	223
5470-11-1	Hydroxylammonium Chloride (Reag. Ph. Eur.) PA-ACS-ISO	223
5470-11-1	Hydroxylammonium Chloride PRS	223
5470-11-1	Hydroxylammonium Chloride, 99% PS	223
5500-21-0	Cyclopropyl Cyanide, 98% PS	137
5538-51-2	Acetylsalicyloyl Chloride, 98% PS	29
5665-94-1	5-Chlorcarvacrol, 97% PS	116
5743-04-4	Cadmium Acetate 2-hydrate (Reag. USP) PA	99
5743-04-4	Cadmium Acetate 2-hydrate PRS	99
5743-47-5	Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	106
5743-47-5	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106
5785-44-4	tri-Calcium di-Citrate 4-hydrate PA	104
5785-44-4	tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO	104
5794-13-8	L-Asparagine 1-hydrate, 99% PS	61
5794-28-5	Calcium Oxalate 1-hydrate PA	107
5794-28-5	Calcium Oxalate 1-hydrate PRS	107
5808-22-0	Chromotropic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	123
5856-62-2	S(+)-2-Amino-1-Butanol, 98% PS	38
5892-10-4	Bismuth(III) Hydroxide Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	74
5934-29-2	L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	209
5934-29-2	L-Histidine mono-Hydrochloride 1-hydrate, 99% PS	209
5949-29-1	Citric Acid 1-hydrate PA-ACS-ISO	124
5949-29-1	Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	125
5949-29-1	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO	125
5950-69-6	Hydrindantine 2-hydrate PA	211
5965-83-3	5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS	430
5968-11-6	Sodium Carbonate 1-hydrate PA	370
5968-11-6	Sodium Carbonate 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	370
5968-11-6	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO	370
5970-45-6	Zinc Acetate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	473
5970-45-6	Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	473
5989-27-5	Citrosol (Substitute of Xylene) DC	125
5989-27-5	D(+)-Limonene (F.C.C.) ADITIO	246
5989-27-5	D(+)-Limonene, 95% PS	246
5995-86-8	Gallic Acid 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS	194
5995-86-8	Gallic Acid 1-hydrate, 99% PS	194
5996-10-1	D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	197
5996-10-1	D(+)-Glucose 1-hydrate (F.C.C.) ADITIO	197
6001-64-5	1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	455
6009-70-7	di-Ammonium Oxalate 1-hydrate (Reag. Ph. Eur.) PA-ACS	52
6009-70-7	di-Ammonium Oxalate 1-hydrate PRS	52
6018-89-9	Nickel(II) Acetate 4-hydrate PA	282
6018-89-9	Nickel(II) Acetate 4-hydrate PRS	283
6046-93-1	Copper(II) Acetate 1-hydrate (Reag. Ph. Eur.) PA-ACS	128
6046-93-1	Copper(II) Acetate 1-hydrate PRS	128
6047-25-2	Iron(II) Oxalate 2-hydrate PA	231
6047-25-2	Iron(II) Oxalate 2-hydrate PRS	231
6080-56-4	Lead(II) Acetate 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	242
6080-56-4	Lead(II) Acetate 3-hydrate PRS	243
6100-05-6	tri-Potassium Citrate 1-hydrate PA	325
6100-05-6	tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	326
6100-05-6	tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO	326
6100-19-2	Potassium Tartrate 1/2-hydrate (Reag. Ph. Eur.) PA	344
6100-19-2	Potassium Tartrate 1/2-hydrate PRS	344
6100-20-5	Potassium tetra-Oxalate 2-hydrate PRS	340
6104-58-1	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
6104-59-2	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
6106-04-3	Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX	378
6106-04-3	Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO	378
6106-21-4	Sodium Succinate 6-hydrate PA	398
6106-24-7	Sodium Tartrate 2-hydrate EQP-ACS	400
6106-24-7	Sodium Tartrate 2-hydrate (Reag. Ph. Eur.) PA	400
6106-24-7	Sodium Tartrate 2-hydrate PRS	401
6106-24-7	Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO	401
6131-90-4	Sodium Acetate 3-hydrate PA-ACS-ISO	365
6131-90-4	Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	365
6131-90-4	Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO	365
6131-90-4	Sodium Acetate 3-hydrate QP	365
6132-02-1	Sodium Carbonate 10-hydrate PA-ISO	370
6132-02-1	Sodium Carbonate 10-hydrate PRS	370
6132-02-1	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO	370
6132-04-3	tri-Sodium Citrate 2-hydrate PA-ACS	373
6132-04-3	tri-Sodium Citrate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	373
6132-04-3	tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO	373
6146-52-7	5-Nitroindole, 98% PS	290
6147-53-1	Cobalt(II) Acetate 4-hydrate (Reag. USP) PA-ACS	125
6147-53-1	Cobalt(II) Acetate 4-hydrate PRS	125
6152-67-6	4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS	310
6153-39-5	3,5-Dihydroxytoluene 1-hydrate, 99% PS	154
6153-56-6	Oxalic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	294
6153-56-6	Oxalic Acid 2-hydrate PRS	294
6153-56-6	Oxalic Acid 2-hydrate, 99% PS	294
6153-56-6	Oxalic Acid 0,025 mol/l (0,05N) SV	294
6153-56-6	Oxalic Acid 0,05 mol/l (0,1N) SV	295
6153-56-6	Oxalic Acid 0,05 mol (6,303g $C_2H_2O_4$) to prepare 1l of 0,1N solution SVc	295
6153-56-6	Oxalic Acid 0,5 mol/l (1N) SV	295
6156-78-1	Manganese(II) Acetate 4-hydrate PA	257
6156-78-1	Manganese(II) Acetate 4-hydrate PRS	257
6192-52-5	Toluene-4-Sulphonic Acid 1-hydrate, 98% PS	448
6211-24-1	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	310
6226-79-5	Ponceau S (C.I. 27195) DC	320
6287-38-3	3,4-Dichlorobenzaldehyde, 98% PS	143
6363-53-7	Maltose 1-hydrate PRS	256
6381-59-5	Potassium Sodium Tartrate 4-hydrate P A-ACS-ISO	343
6381-59-5	Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX	343
6381-59-5	Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO	343
6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	178
6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	178
6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO	178
6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178
6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178
6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178

6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g $C_{10}H_{14}N_2Na_2O_8.2H_2O$) to prep.1l of 0,1M sol. SVc	178
6487-48-5	di-Potassium Oxalate 1-hydrate PA-ACS	340
6487-48-5	di-Potassium Oxalate 1-hydrate PA	340
6487-48-5	di-Potassium Oxalate 1-hydrate PRS	340
6505-50-6	Manganese(II) Lactate 3-hydrate PRS	258
6582-04-5	Toluidine Blue O (C.I. 52040) DC	449
6582-04-5	Toluidine Blue O solution 1% DC	449
6858-44-2	tri-Sodium Citrate 5,5-hydrate PA	373
6858-44-2	tri-Sodium Citrate 5,5-hydrate PRS	374
6858-44-2	tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO	374
6921-34-2	Benzylmagnesium Chloride 2M in THF PS	72
6940-78-9	1-Bromo-4-Chlorobutane, 98% PS	81
7051-34-5	Bromomethylcyclopropane, 91% PS	84
7080-50-4	Chloramine T 3-hydrate (Reag. USP) PA-ACS	116
7080-50-4	Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
7080-50-4	Chloramine T 3-hydrate, 98% PS	116
7087-68-5	N-Ethyl Di-Isopropylamine, 98% PS	176
7114-03-6	Methyl Green (C.I. 42585) DC	272
7151-68-0	3-Methoxy-4-Methylbenzoic Acid, 96% PS	267
7154-66-7	2-Bromobenzoyl Chloride, 98% PS	81
7291-22-7	Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI	353
7291-22-7	Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI	353
7291-22-7	Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI	353
7320-34-5	tetra-Potassium Pyrophosphate anhydrous PRS	342
7320-34-5	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO	342
7345-79-1	2-Bromocinnamic Acid, 98% PS	82
7345-82-6	2,3-Dimethoxycinnamic Acid, 97% PS	155
7429-90-5	Aluminium metal, powder PRS	34
7432-21-5	N–α–Z-L-Tryptophan, 98% PS	477
7439-89-6	Iron metal reduced by hydrogen PRS	229
7439-89-6	Iron metal, fine granulated QP	229
7439-89-6	Iron metal, thick granulated QP	229
7439-92-1	Lead, 98% metal, granules PS	242
7439-92-1	Lead metal, powder PRS	242
7439-93-2	Lithium metal, pieces in Argon atmosphere PRS	246
7439-93-2	Lithium, 99% metal, sticks 1 cm diam. in vaseline oil PS	246
7439-93-2	Lithium, 99% metal, granulated ~2,5 mm diameter in Argon atmosphere PS	246
7439-95-4	Magnesium metal, ribbon QP	250
7439-95-4	Magnesium metal, filings PRS	250
7439-95-4	Magnesium, 99% metal, filings PS	250
7439-95-4	Magnesium metal, powder PRS	250
7439-96-5	Manganese metal, small sheets PRS	257
7439-97-6	Mercury metal tridistilled (Reag. Ph. Eur.) PA-ACS	260
7439-97-6	Mercury metal PRS	260
7440-02-0	Nickel metal, balls (Reag. USP) PA	282
7440-05-3	Palladium 5% on Calcium Carbonate, poisoned with lead PS	295
7440-05-3	Palladium-Charcoal Activated (5% Pd) PS	295
7440-05-3	Palladium-Charcoal Activated (10% Pd) PS	296
7440-23-5	Sodium metal, sticks (Reag. Ph. Eur.) PA-ACS	364
7440-23-5	Sodium metal, sticks PRS	364
7440-23-5	Sodium, 99% metal, sticks in vaseline oil PS	364
7440-31-5	Tin metal, powder PRS	444
7440-36-0	Antimony metal, pieces QP	57
7440-43-9	Cadmium metal, sheets PRS	98
7440-43-9	Cadmium metal, thick powder (Reag. Ph. Eur.) PA	98
7440-44-0	Charcoal Activated powder PA	115
7440-44-0	Charcoal Activated powder (E-153, F.C.C.) ADITIO	115
7440-44-0	Charcoal Activated powder QP	115
7440-44-0	Charcoal Activated granulated n° 1 QP	115
7440-44-0	Charcoal Activated granulated n° 2 QP	115
7440-44-0	Charcoal Activated granulated n° 3 QP	115
7440-50-8	Copper metal, powder PRS	128
7440-50-8	Copper, 99% metal, turnings PS	128
7440-66-6	Zinc metal, powder PRS	473
7440-69-9	Bismuth metal, needles QP	74
7440-70-2	Calcium, 98% metal, granules PS	101
7446-08-4	Selenium(IV) Oxide, 97% PS	359
7446-14-2	Lead(II) Sulphate PA	245
7446-14-2	Lead(II) Sulphate PRS	245
7446-19-7	Zinc Sulphate 1-hydrate PA	476
7446-19-7	Zinc Sulphate 1-hydrate (USP, Ph.Eur., BP) PRS-CODEX	476
7446-19-7	Zinc Sulphate 1-hydrate (F.C.C.) ADITIO	476
7446-20-0	Zinc Sulphate 7-hydrate PA-ACS	476
7446-20-0	Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	476
7446-20-0	Zinc Sulphate 7-hydrate (F.C.C.) ADITIO	476
7446-20-0	Zinc Sulphate 0,05 mol/l (0,05M) SV	477
7446-20-0	Zinc Sulphate 0,1 mol/l (0,1M) SV	477
7446-70-0	Aluminium Chloride anhydrous, 98% PS	34
7447-40-7	Potassium Chloride EQP-ACS-ISO	323
7447-40-7	Potassium Chloride PA-ACS-ISO	324
7447-40-7	Potassium Chloride PRS	324
7447-40-7	Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX	324
7447-40-7	Potassium Chloride (E-508, F.C.C.) ADITIO	324
7447-40-7	Potassium Chloride QP	324
7447-40-7	Potassium Chloride saturated solution RV	324
7447-40-7	Potassium Chloride 3 mol/l RV	324
7447-40-7	Potassium Chloride 1 mol/l (1N) SV	324
7447-40-7	Potassium Chloride 0,1 mol/l (0,1N) SV	324
7447-41-8	Lithium Chloride (Reag. USP, Ph. Eur.) PA-ACS	248
7447-41-8	Lithium Chloride PRS	248
7447-41-8	Lithium Chloride 1 mol/l in ethanol RV	248
7487-88-9	Magnesium Sulphate anhydrous QP	254
7487-88-9	Magnesium Sulphate 75% extradry, powder PRS	254
7487-88-9	Magnesium Sulphate 65% dry, powder (BP) PRS-CODEX	255
7487-88-9	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255
7487-94-7	Mercury(II) Chloride PA-ACS	261
7487-94-7	Mercury(II) Chloride PRS	261
7488-55-3	Tin(II) Sulphate PRS	445
7536-55-2	N–α–BOC-L-Asparagine, 98% PS	76
7550-35-8	Lithium Bromide PA	247
7550-35-8	Lithium Bromide PRS	247
7553-56-2	Iodine resublimed pearls PA-ACS	227
7553-56-2	Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX	227
7553-56-2	Iodine crude QP	227
7553-56-2	Iodine 0,01 mol/l (0,02N) SV	228
7553-56-2	Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV	228
7553-56-2	Iodine 0,025 mol/l (0,05N) SV	228
7553-56-2	Iodine 0,05 mol/l (0,1N) SV	228
7553-56-2	Iodine 0,05 mol (12,690g I2) to prepare 1l of 0,1N solution SVc	228
7553-56-2	Iodine 0,5 mol/l (1N) SV	228
7553-56-2	Iodine 0,01 mol/l (0,02N) VINIKIT	228
7558-79-4	di-Sodium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	380
7558-79-4	di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX	380
7558-79-4	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	380
7558-79-4	di-Sodium Hydrogen Phosphate anhydrous QP	380
7558-80-7	Sodium di-Hydrogen Phosphate anhydrous PA	382
7601-90-3	Perchloric Acid 70% (TMA) HIPERPUR-PLUS	302
7601-90-3	Perchloric Acid 70% (TMA) HIPERPUR	302
7601-90-3	Perchloric Acid 70% (max. 0,0000005% Hg) PA-ACS-ISO	302
7601-90-3	Perchloric Acid 70% PA-ACS-ISO	303
7601-90-3	Perchloric Acid 70% PRS	303
7601-90-3	Perchloric Acid 60% PA-ACS-ISO	303
7601-90-3	Perchloric Acid 60% PRS	303
7601-90-3	Perchloric Acid 20% PRS	303
7601-90-3	Perchloric Acid 1 mol/l (1N) SV	304
7631-90-5	Sodium Hydrogen Sulphite solution 40% w/v QP	383
7631-99-4	Sodium Nitrate (Reag. Ph. Eur.) PA-ACS-ISO	392
7631-99-4	Sodium Nitrate PRS	392
7631-99-4	Sodium Nitrate (E-251, F.C.C.) ADITIO	392
7632-00-0	Sodium Nitrite (Reag. Ph. Eur.) PA-ACS	392
7632-00-0	Sodium Nitrite (USP) PRS-CODEX	392
7632-00-0	Sodium Nitrite (E-250, F.C.C.) ADITIO	392
7646-69-7	Sodium Hydride 60% mineral oil dispersion PS	378
7646-79-9	Cobalt(II) Chloride anhydrous, 99% PS	125
7646-79-9	Cobalt(II) Chloride anhydrous QP	125
7646-85-7	Zinc Chloride PA-ACS	473
7646-85-7	Zinc Chloride PRS	474
7646-93-7	Potassium Hydrogen Sulphate PA	333
7646-93-7	Potassium Hydrogen Sulphate PRS	333
7647-01-0	Hydrochloric Acid 37% (TMA) ANALPUR	213
7647-01-0	Hydrochloric Acid 37% (VLSI) EG	213
7647-01-0	Hydrochloric Acid 37% (MOS) EG	213
7647-01-0	Hydrochloric Acid 37% (max.0,0000005% Hg) PA-ACS-ISO	213
7647-01-0	Hydrochloric Acid 37% PA-ACS-ISO	214
7647-01-0	Hydrochloric Acid 37% (RFE, BP, Ph. Eur.) PRS-CODEX	214
7647-01-0	Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO	214
7647-01-0	Hydrochloric Acid 37% QP	214
7647-01-0	Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS	215
7647-01-0	Hydrochloric Acid 35% (TMA) HIPERPUR	215
7647-01-0	Hydrochloric Acid 32% PA-ISO	216
7647-01-0	Hydrochloric Acid 32% PRS	216
7647-01-0	Hydrochloric Acid 25% PA-ISO	216
7647-01-0	Hydrochloric Acid 10 g/l RE	216
7647-01-0	Hydrochloric Acid 10 g/l VINIKIT	216
7647-01-0	Hydrochloric Acid-Water solution 50:50 VINIKIT	216
7647-01-0	Hydrochloric Acid 0,01 mol/l (0,01N) SV	217
7647-01-0	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217
7647-01-0	Hydrochloric Acid 0,1 mol/l (0,1N) RE	217
7647-01-0	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217
7647-01-0	Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SVc	217
7647-01-0	Hydrochloric Acid 0,25 mol/l (0,25N) SV	217
7647-01-0	Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV	217
7647-01-0	Hydrochloric Acid 0,3571 mol/l (N/2,8) SV	217
7647-01-0	Hydrochloric Acid 0,5 mol/l (0,5N) SV	217
7647-01-0	Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SVc	217
7647-01-0	Hydrochloric Acid 1 mol/l (1N) SV	217
7647-01-0	Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SVc	217
7647-01-0	Hydrochloric Acid 2 mol/l (2N) SV	217
7647-01-0	Hydrochloric Acid 3 mol/l (3N) SV	218
7647-01-0	Hydrochloric Acid 3,571 mol/l (3,571N) SV	218
7647-01-0	Hydrochloric Acid 5 mol/l (5N) SV	218
7647-10-1	Palladium(II) Chloride anhydrous PS	296
7647-14-5	DERQUIM SALT (Sodium Chloride lumps)	139
7647-14-5	Sodium Chloride EQP-ACS-ISO	371
7647-14-5	Sodium Chloride (max. 0,0000005% Hg) PA-ACS-ISO	371
7647-14-5	Sodium Chloride PA-ACS-ISO	371
7647-14-5	Sodium Chloride PA	371
7647-14-5	Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	372
7647-14-5	Sodium Chloride (F.C.C.) ADITIO	372
7647-14-5	Sodium Chloride QP	372
7647-14-5	Sodium Chloride ASTM B117-09 RE	372
7647-14-5	Sodium Chloride coarse salt QP	372
7647-14-5	Sodium Chloride 0,1 mol/l (0,1N) SV	372
7647-14-5	Sodium Chloride 1 mol/l (1N) SV	372
7647-14-5	Sodium Chloride solution ASTM B117-09 RE	372
7647-15-6	Sodium Bromide (Reag. USP) PA-ACS	368
7647-15-6	Sodium Bromide PA	368
7647-15-6	Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	369
7647-17-8	Cesium Chloride (Reag. Ph. Eur.) PA	114
7664-38-2	ortho-Phosphoric Acid 85% PA-ACS-ISO	313
7664-38-2	ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	314
7664-38-2	ortho-Phosphoric Acid 85% (F.C.C.) ADITIO	314
7664-38-2	ortho-Phosphoric Acid 85% QP	314
7664-38-2	ortho-Phosphoric Acid 50% PA	314
7664-38-2	Phosphorus standard solution P=10,00±0,02 g/l ICP	415
7664-39-3	Hydrofluoric Acid 50% (VLSI) EG	218
7664-39-3	Hydrofluoric Acid 50% (MOS) EG	218
7664-39-3	Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS	218
7664-39-3	Hydrofluoric Acid 48% (TMA) HIPERPUR	219
7664-39-3	Hydrofluoric Acid 48% PA-ACS-ISO	219
7664-39-3	Hydrofluoric Acid 40% PA-ISO	219
7664-39-3	Hydrofluoric Acid 40% QP	220
7664-93-9	Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS	431
7664-93-9	Sulphuric Acid 93-98% (TMA) HIPERPUR	431
7664-93-9	Sulphuric Acid 96% (VLSI) EG	431
7664-93-9	Sulphuric Acid 95-98% (max. 0,0000005% Hg) PA-ACS-ISO	432
7664-93-9	Sulphuric Acid 96% PA-ISO	432
7664-93-9	Sulphuric Acid 98% (UNE-EN 899) PA	432
7664-93-9	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432
7664-93-9	Sulphuric Acid 95-98% (F.C.C.) ADITIO	432
7664-93-9	Sulphuric Acid 96% QP	433
7664-93-9	Sulphuric Acid 98% RE	433
7664-93-9	Sulphuric Acid 90-91% acc. to Gerber PA	433
7664-93-9	Sulphuric Acid 25% PA	433
7664-93-9	Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE	433
7664-93-9	Sulphuric Acid solution 1/3 w/v VINIKIT	433
7664-93-9	Sulphuric Acid solution 16% v/v VINIKIT	433
7664-93-9	Sulphuric Acid 1/3 mol/l (2/3N) DC	434
7664-93-9	Sulphuric Acid 0,01 mol/l (0,02N) SV	434
7664-93-9	Sulphuric Acid 0,025 mol/l (0,05N) SV	434
7664-93-9	Sulphuric Acid 0,05 mol/l (0,1N) SV	434
7664-93-9	Sulphuric Acid 0,05 mol (4,904g H_2SO_4) to prepare 1l of 0,1N solution SVc	434
7664-93-9	Sulphuric Acid 0,1 mol/l (0,2N) SV	434
7664-93-9	Sulphuric Acid 0,1275 mol/l (0,255N) SV	434
7664-93-9	Sulphuric Acid 0,13 mol/l (0,26N) RE	434
7664-93-9	Sulphuric Acid 0,25 mol/l (0,5N) SV	434
7664-93-9	Sulphuric Acid 0,5 mol/l (1N) SV	434
7664-93-9	Sulphuric Acid 0,5 mol (49,039g H_2SO_4) to prepare 1l of 1N solution SVc	434
7664-93-9	Sulphuric Acid 1 mol/l (2N) SV	435
7664-93-9	Sulphuric Acid 2,5 mol/l (5N) SV	435
7664-93-9	Sulphuric Acid 4 mol/l (8N) SV	435
7664-93-9	Sulphuric Acid 5 mol/l (10N) SV	435

7664-93-9	Sulphur standard solution S=1,000±0,002 g/l ICP	417
7664-93-9	Sulphur standard solution S=10,00±0,02 g/l ICP	417
7681-11-0	Potassium Iodide PA-ACS-ISO	337
7681-11-0	Potassium Iodide PA-ISO	338
7681-11-0	Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	338
7681-11-0	Potassium Iodide (F.C.C.) ADITIO	338
7681-11-0	Potassium Iodide solution 30% w/v VINIKIT	338
7681-11-0	Potassium Iodide solution 10% w/v RE	338
7681-11-0	Potassium Iodide 0,1 mol/l (0,1N) SV	338
7681-11-0	Potassium Iodide 1 mol/l (1N) SV	338
7681-38-1	Sodium Hydrogen Sulphate anhydrous PRS	383
7681-49-4	Fluoride standard solution F=1,000±0,005 g/l AA	406
7681-49-4	Sodium Fluoride PA-ACS-ISO	377
7681-49-4	Sodium Fluoride (USP) PRS-CODEX	377
7681-52-9	Sodium Hypochlorite solution (7±2% w/w as active chlorine) PA	389
7681-52-9	Sodium Hypochlorite solution 5% w/v QP	389
7681-52-9	Sodium Hypochlorite solution 10% w/v QP	389
7681-55-2	Sodium Iodate PA	389
7681-55-2	Sodium Iodate PRS	389
7681-57-4	Sodium Disulphite PA-ACS	375
7681-57-4	Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	375
7681-57-4	Sodium Disulphite (E-223, F.C.C.) ADITIO	375
7681-65-4	Copper(I) Iodide PRS	135
7681-65-4	Copper(I) Iodide, 99% PS	135
7681-82-5	Sodium Iodide PA-ACS	390
7681-82-5	Sodium Iodide PRS	390
7682-20-4	S-2-Aminobutyramide Hydrochloride	492
7693-46-1	4-Nitrophenyl Chloroformate, 95% PS	291
7697-37-2	Nitric Acid fuming (Reag. Ph. Eur.) PA	285
7697-37-2	Nitric Acid fuming PS	285
7697-37-2	Nitric Acid 69% (TMA) HIPERPUR-PLUS	285
7697-37-2	Nitric Acid 69% (TMA) HIPERPUR	286
7697-37-2	Nitric Acid 69% (VLSI) EG	286
7697-37-2	Nitric Acid 69% PA-ACS-ISO	286
7697-37-2	Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX	287
7697-37-2	Nitric Acid 65% (TMA) ANALPUR	287
7697-37-2	Nitric Acid 65% (máx. 0,0000005% de Hg) PA	287
7697-37-2	Nitric Acid 65% PA-ISO	287
7697-37-2	Nitric Acid 65% PRS	288
7697-37-2	Nitric Acid 65% QP	288
7697-37-2	Nitric Acid 53% PA	288
7697-37-2	Nitric Acid 0,1 mol/l (0,1N) SV	288
7697-37-2	Nitric Acid 0,5 mol/l (0,5N) SV	288
7697-37-2	Nitric Acid 1 mol/l (1N) SV	288
7697-37-2	Nitric Acid 2 mol/l (2N) SV	288
7697-37-2	Nitric Acid 4 mol/l (4N) RV	288
7699-45-8	Zinc Bromide, 98% PS	473
7704-34-9	Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX	430
7704-34-9	Sulphur sublimated (USP) PRS-CODEX	430
7705-08-0	Iron(III) Chloride anhydrous, 97% PS	230
7705-08-0	Iron(III) Chloride 30% aqueous solution QP	230
7719-09-7	Thionyl Chloride, 99% PS	442
7722-64-7	Potassium Permanganate (max. 0,000005% Hg) PA-ACS	341
7722-64-7	Potassium Permanganate PA-ACS	341
7722-64-7	Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	341
7722-64-7	Potassium Permanganate 0,01 mol/l (0,05N) SV	341
7722-64-7	Potassium Permanganate 0,02 mol/l (0,1N) SV	341
7722-64-7	Potassium Permanganate 0,02 mol (3,161g $KMnO_4$) to prepare 1l of 0,1N solution SVc	341
7722-64-7	Potassium Permanganate 0,1 mol/l (0,5N) SV	341
7722-64-7	Potassium Permanganate 0,2 mol/l (1N) SV	342
7722-76-1	Ammonium di-Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS	49
7722-76-1	Ammonium di-Hydrogen Phosphate PRS	49
7722-76-1	Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO	49
7722-76-1	Phosphate Matrix Modifier RE	259
7722-84-1	Hydrogen Peroxide 33% w/v (110 vol.) PA-ACS-ISO	220
7722-84-1	Hydrogen Peroxide 33% w/v (110 vol.) stabilized (RFE, USP, BP, Ph. Eur.) PRS-CODEX	220
7722-84-1	Hydrogen Peroxide 33% w/v (110 vol.) stabilized QP	220
7722-84-1	Hydrogen Peroxide 30% w/w (VLSI) EG	220
7722-84-1	Hydrogen Peroxide 30% w/w (MOS) EG	220
7722-84-1	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	221
7722-84-1	Hydrogen Peroxide 30% w/v (100 vol.) PA	221
7722-84-1	Hydrogen Peroxide 30% w/v (100 vol.) stabilized PRS	221
7722-84-1	Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO	221
7722-84-1	Hydrogen Peroxide 10% w/v (~33 vol.) stabilized VINIKIT	221
7722-84-1	Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX	221
7722-84-1	Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT	221
7722-84-1	Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT	222
7722-88-5	tetra-Sodium Pyrophosphate anhydrous PRS	396
7722-88-5	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO	396
7723-14-0	Phosphorus red PRS	315
7726-95-6	Bromine Water saturated solution RE	79
7726-95-6	Bromine (Reag. Ph. Eur.) PA-ACS-ISO	79
7726-95-6	Bromine PRS	79
7726-95-6	Bromine, 99% PS	79
7727-21-1	Potassium Peroxodisulphate (Reag. Ph. Eur.) PA	342
7727-21-1	Potassium Peroxodisulphate PRS	342
7727-43-7	Barium Sulphate PA	65
7727-43-7	Barium Sulphate PRS	65
7727-43-7	Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX	65
7727-54-0	Ammonium Peroxodisulphate (Reag. Ph. Eur.) PA-ACS	52
7727-54-0	Ammonium Peroxodisulphate PRS	52
7727-54-0	DERQUIM OXY (Substitute of Chromic Mixture) SOLID	140
7727-73-3	Sodium Sulphate 10-hydrate (Reag. USP) PA-ACS	399
7727-73-3	Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399
7727-73-3	Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO	399
7732-18-5	Water (TMA) HIPERPUR-PLUS	466
7732-18-5	Water (HPLC-gradient grade) PAI	466
7732-18-5	Water (UV-HPLC) PAI-ACS	467
7732-18-5	Water (LC-MS) PAI	467
7732-18-5	Water (PAR) PAI	467
7732-18-5	Water PA-ACS	467
7732-18-5	Water (BP, Ph. Eur.) PRS-CODEX	467
7732-18-5	Water Deionized QP	467
7757-79-1	Nitrogen standard solution N=10,00±0,02 g/l ICP	414
7757-79-1	Potassium Nitrate without anticaking (Reag. Ph. Eur.) PA-ISO	338
7757-79-1	Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX	339
7757-79-1	Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO	339
7757-79-1	Potassium Nitrate with anticaking (F.C.C.) ADITIO	339
7757-79-1	Potassium Nitrate 1 mol/l RV	339
7757-82-6	Sodium Sulphate anhydrous, granulated (PAR) PAI	398
7757-82-6	Sodium Sulphate anhydrous, powder (PAR) PAI	398
7757-82-6	Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO	398
7757-82-6	Sodium Sulphate anhydrous PRS	399
7757-82-6	Sodium Sulphate anhydrous * (RFE, USP, BP, Ph. Eur.) CODEX	399
7757-82-6	Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO	399
7757-82-6	Sodium Sulphate anhydrous, 99% PS	399
7757-83-7	Sodium Sulphite anhydrous PA-ACS	400
7757-83-7	Sodium Sulphite anhydrous PRS	400
7757-83-7	Sodium Sulphite anhydrous (RFE, BP, Ph. Eur.) CODEX	400
7757-83-7	Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO	400
7757-93-9	Calcium Hydrogen Phosphate anhydrous PA	105
7757-93-9	Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
7757-93-9	Calcium Hydrogen Phosphate anhydrous (E-341ii, F.C.C.) ADITIO	105
7758-01-2	Potassium Bromate EQP-ACS-ISO	321
7758-01-2	Potassium Bromate (Reag. Ph. Eur.) PA-ACS-ISO	321
7758-01-2	Potassium Bromate PRS	321
7758-01-2	Potassium Bromate (F.C.C.) ADITIO	321
7758-01-2	Potassium Bromate 1/60 mol/l (0,1N) SV	321
7758-01-2	Potassium Bromide (IR) PAI	322
7758-01-2	Potassium Bromide PA-ACS	322
7758-01-2	Potassium Bromide PA	322
7758-01-2	Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	322
7758-05-6	Potassium Iodate EQP-ACS-ISO	337
7758-05-6	Potassium Iodate (Reag. Ph. Eur.) PA-ACS	337
7758-05-6	Potassium Iodate PRS	337
7758-05-6	Potassium Iodate (F.C.C.) ADITIO	337
7758-05-6	Potassium Iodate 0,05 mol/l (0,3N) SV	337
7758-05-6	Potassium Iodate 1/60 mol/l (0,1N) SV	337
7758-09-0	Potassium Nitrite PA-ACS	339
7758-09-0	Potassium Nitrite PRS	339
7758-09-0	Potassium Nitrite (E-249, F.C.C.) ADITIO	339
7758-11-4	di-Potassium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	331
7758-11-4	di-Potassium Hydrogen Phosphate anhydrous PA	331
7758-11-4	di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	331
7758-11-4	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO	331
7758-16-9	di-Sodium di-Hydrogen Pyrophosphate PRS	383
7758-16-9	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO	383
7758-19-2	Sodium Chlorite solution 25% w/w PS	372
7758-23-8	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PA	101
7758-23-8	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PRS	102
7758-23-8	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO	102
7758-87-4	tri-Calcium Phosphate (RFE, BP, Ph. Eur.) PRS-CODEX	107
7758-87-4	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO	107
7758-89-6	Copper(I) Chloride PA-ACS	129
7758-89-6	Copper(I) Chloride, 95% PS	129
7758-95-4	Lead(II) Chloride PA	243
7758-95-4	Lead(II) Chloride PRS	243
7758-95-4	Lead(II) Chloride, 99% PS	243
7758-97-6	Lead(II) Chromate PA	243
7758-98-7	Copper(II) Sulphate anhydrous (Reag. USP) PA	131
7758-98-7	Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	131
7758-98-7	Copper(II) Sulphate solution d.1,050 DC	131
7758-98-7	Copper(II) Sulphate solution d.1,053 DC	132
7758-98-7	Copper(II) Sulphate solution d.1,055 DC	132
7758-98-7	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132
7758-99-8	Copper(II) Sulphate 5-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	131
7758-99-8	Copper(II) Sulphate 5-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	131
7759-02-6	Strontium Sulphate PRS	428
7761-88-8	Silver Nitrate EQP-ACS-ISO	362
7761-88-8	Silver Nitrate PA-ACS-ISO	362
7761-88-8	Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX	362
7761-88-8	Silver Nitrate solution 0,5% w/v RE	362
7761-88-8	Silver Nitrate solution 2% w/v RE	362
7761-88-8	Silver Nitrate volumetric solution 2,9067% RV	362
7761-88-8	Silver Nitrate 0,01 mol/l (0,01N) SV	362
7761-88-8	Silver Nitrate 0,02 mol/l (0,02N) SV	362
7761-88-8	Silver Nitrate 0,05 mol/l (0,05N) SV	363
7761-88-8	Silver Nitrate 0,1 mol/l (0,1N) SV	363
7761-88-8	Silver Nitrate 0,1 mol (16,987g $AgNO_3$) to prepare 1l of 0,1N solution SVc	363
7761-88-8	Silver Nitrate 1 mol/l (1N) SV	363
7772-98-7	Sodium Thiosulphate anhydrous PA	401
7772-98-7	Sodium Thiosulphate 0,01 mol/l (0,01N) SV	402
7772-98-7	Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV	402
7772-98-7	Sodium Thiosulphate 0,05 mol/l (0,05N) SV	402
7772-98-7	Sodium Thiosulphate 0,1 mol/l (0,1N) SV	402
7772-98-7	Sodium Thiosulphate 0,2 mol/l (0,2N) SV	402
7772-98-7	Sodium Thiosulphate 1 mol/l (1N) SV	402
7772-98-7	Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT	402
7773-06-0	Ammonium Sulphamate (Reag. Ph. Eur.) PA-ACS	53
7774-29-0	Mercury(II) Iodide red (Reag. Ph. Eur.) PA-ACS	262
7774-29-0	Mercury(II) Iodide red PA	262
7774-34-7	Calcium Chloride 6-hydrate PA	104
7774-34-7	Calcium Chloride 6-hydrate PRS	104
7774-34-7	Calcium Chloride 6-hydrate (E-509) ADITIO	104
7775-09-9	Sodium Chlorate PA-ACS	371
7775-09-9	Sodium Chlorate PRS	371
7775-11-3	Sodium Chromate PA	373
7775-14-6	Sodium Dithionite QP	376
7775-27-1	Sodium Peroxodisulphate PRS	395
7778-50-9	Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO	326
7778-50-9	Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO	327
7778-50-9	Potassium Dichromate PA-ACS-ISO	327
7778-50-9	Potassium Dichromate PRS	327
7778-50-9	Potassium Dichromate solution 10% RE	327
7778-50-9	Potassium Dichromate 0,02 mol/l (0,02M) RE	327
7778-50-9	Potassium Dichromate 1/60 mol/l (0,1N) SV	327
7778-50-9	Potassium Dichromate 1/60 mol (4,903g $K_2Cr_2O_7$) to prepare 1l of 0,1N solution SVc	328
7778-50-9	Potassium Dichromate 1/24 mol/l (0,25N) SV	328
7778-50-9	Potassium Dichromate 1/6 mol/l (1N) SV	328
7778-74-7	Potassium Perchlorate PA-ACS	340
7778-74-7	Potassium Perchlorate (DAC) PRS-CODEX	340
7778-77-0	Phosphorus standard solution P=1,000±0,002 g/l ICP	415

7778-77-0	Potassium di-Hydrogen Phosphate PA-ACS	332
7778-77-0	Potassium di-Hydrogen Phosphate PA	332
7778-77-0	Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	332
7778-77-0	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO	332
7778-77-0	Potassium di-Hydrogen Phosphate 1/15 mol/l (1/15M) RV	333
7778-80-5	Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	344
7778-80-5	Potassium Sulphate PRS	344
7778-80-5	Potassium Sulphate (E-515i, F.C.C.) ADITIO	344
7782-49-2	Selenium metal powder PRS	359
7782-61-8	Iron(III) Nitrate 9-hydrate PRS	230
7782-63-0	Iron(II) Sulphate 7-hydrate PA-ACS	231
7782-63-0	Iron(II) Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	231
7782-63-0	Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO	232
7782-75-4	Magnesium Hydrogen Phosphate 3-hydrate PRS	252
7782-75-4	Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO	252
7782-85-6	di-Sodium Hydrogen Phosphate 7-hydrate PA-ACS	381
7782-86-7	Mercury(I) Nitrate 2-hydrate (ACS IX) PA-ACS	262
7782-86-7	Mercury(I) Nitrate 2-hydrate PRS	262
7782-89-0	Lithium Amide, 94% PS	247
7782-91-4	Molybdic Acid (contains ammonium molybdate) PA-ACS	279
7782-91-4	Molybdic Acid (contains ammonium molybdate) PRS	279
7782-99-2	Sulphurous Acid solution 6% PA-ACS	435
7783-20-2	Ammonium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	53
7783-20-2	Ammonium Sulphate PA	53
7783-20-2	Ammonium Sulphate PRS	53
7783-20-2	Ammonium Sulphate (E-517, F.C.C.) ADITIO	53
7783-20-2	Nitrogen standard solution N=1,000±0,002 g/l ICP	414
7783-28-0	di-Ammonium Hydrogen Phosphate (Reag. Ph. Eur) PA-ACS	48
7783-28-0	di-Ammonium Hydrogen Phosphate (USP) PRS-CODEX	48
7783-28-0	di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO	48
7783-35-9	Mercury(II) Sulphate PA-ACS	263
7783-35-9	Mercury(II) Sulphate PRS	263
7783-40-6	Magnesium Fluoride PA	252
7783-40-6	Magnesium Fluoride PRS	252
7783-48-4	Strontium Fluoride PRS	427
7783-83-7	Alum Iron Ammonium saturated solution RV	37
7783-83-7	Ammonium Iron(III) Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51
7783-83-7	Ammonium Iron(III) Sulphate 12-hydrate PRS	51
7783-85-9	Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO	50
7783-85-9	Ammonium Iron(II) Sulphate 6-hydrate PRS	50
7783-85-9	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50
7783-85-9	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50
7783-90-6	Silver Chloride PRS	361
7783-96-2	Silver Iodide PA	362
7784-13-6	Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	35
7784-24-9	Aluminium Potassium Sulphate 12-hydrate PA-ACS	36
7784-24-9	Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	36
7784-24-9	Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO	36
7784-26-1	Aluminium Ammonium Sulphate 12-hydrate PA-ACS	34
7784-26-1	Aluminium Ammonium Sulphate 12-hydrate (USP) PRS-CODEX	34
7784-27-2	Aluminium Nitrate 9-hydrate (Reag. Ph. Eur.) PA-ACS	35
7784-27-2	Aluminium Nitrate 9-hydrate PRS	35
7784-31-8	Aluminium Sulphate 18-hydrate PA-ACS	36
7784-31-8	Aluminium Sulphate 18-hydrate PRS	36
7784-31-8	Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX	36
7784-31-8	Aluminium Sulphate 0,9 mol/l RV	36
7784-46-5	Sodium meta-Arsenite PA	365
7784-46-5	Sodium meta-Arsenite PRS	366
7784-46-5	Sodium meta-Arsenite 0,05 mol/l (0,1N) SV	366
7787-32-8	Barium Fluoride PRS	64
7787-70-4	Copper(I) Bromide PRS	129
7788-98-9	Ammonium Chromate PA	46
7788-98-9	Ammonium Chromate PRS	46
7788-99-0	Chromium(III) Potassium Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	123
7788-99-0	Chromium(III) Potassium Sulphate 12-hydrate PRS	123
7789-00-6	Potassium Chromate (max. 0,02% Na) (Reag. Ph. Eur.) PA-ACS	325
7789-00-6	Potassium Chromate PA	325
7789-00-6	Potassium Chromate PRS	325
7789-00-6	Potassium Chromate solution 5% w/v RV	325
7789-00-6	Potassium Chromate solution 10% w/v RV	325
7789-02-8	Chromium(III) Nitrate 9-hydrate PA	122
7789-02-8	Chromium(III) Nitrate 9-hydrate PRS	122
7789-09-5	Ammonium Dichromate moistened with 0,5 - 3,0% of H_2O PA-ACS	46
7789-09-5	Ammonium Dichromate moistened with 0,5-3,0% of H_2O PRS	47
7789-12-0	Sodium Dichromate 2-hydrate (Reag. USP) PA-ACS	374
7789-12-0	Sodium Dichromate 2-hydrate PRS	374
7789-20-0	Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI	140
7789-20-0	Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI	140
7789-23-3	Potassium Fluoride PRS	329
7789-24-4	Lithium Fluoride PRS	248
7789-29-9	Potassium Hydrogen Difluoride, 99% PS	330
7789-33-5	Iodine mono-Bromide PRS	228
7789-33-5	Iodine mono-Bromide, 98% PS	228
7789-38-0	Sodium Bromate PRS	368
7789-45-9	Copper(II) Bromide PRS	129
7789-45-9	Copper(II) Bromide, 99% PS	129
7789-47-1	Mercury(II) Bromide (Reag. Ph. Eur.) PA-ACS	261
7789-47-1	Mercury(II) Bromide PRS	261
7789-60-8	Phosphorus tri-Bromide, 98% PS	315
7789-77-7	Calcium Hydrogen Phosphate 2-hydrate PA	105
7789-77-7	Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
7789-77-7	Calcium Hydrogen Phosphate 2-hydrate (E-341ii, F.C.C.) ADITIO	105
7790-21-8	Potassium meta-Periodate (Reag. Ph. Eur.) PA-ACS	341
7790-21-8	Potassium meta-Periodate PRS	341
7790-28-5	Sodium meta-Periodate (Reag. Ph. Eur.) PA-ACS	394
7790-28-5	Sodium meta-Periodate QP	394
7790-69-4	Lithium Nitrate PRS	249
7790-80-9	Cadmium Iodide PA	99
7790-80-9	Cadmium Iodide PRS	99
7790-84-3	Cadmium Sulphate 8/3-hydrate PA-ACS	100
7790-84-3	Cadmium Sulphate 8/3-hydrate PRS	100
7790-94-5	Chlorosulphonic Acid, 98% PS	121
7790-98-9	Ammonium Perchlorate PA	52
7790-98-9	Ammonium Perchlorate PRS	52
7790-99-0	Iodine mono-Chloride, 98% PS	228
7791-07-3	Sodium Perchlorate 1-hydrate (Reag. USP) PA-ACS	394
7791-13-1	Cobalt(II) Chloride 6-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	126
7791-13-1	Cobalt(II) Chloride 6-hydrate PRS	126
7791-18-6	Magnesium Chloride 6-hydrate PA-ACS-ISO	251
7791-18-6	Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	251
7791-18-6	Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX	251
7791-18-6	Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO	252
7791-18-6	Magnesium Chloride 6-hydrate QP	252
7791-20-0	Nickel(II) Chloride 6-hydrate PA	283
7791-20-0	Nickel(II) Chloride 6-hydrate PRS	283
7791-25-5	Sulphuryl Chloride, 98% PS	435
7803-55-6	Ammonium meta-Vanadate (Reag. USP, Ph. Eur.) PA-ACS	55
7803-55-6	Ammonium meta-Vanadate PRS	55
7803-57-8	Hydrazinium Hydroxide 100% PS	211
7803-63-6	Ammonium Hydrogen Sulphate (Reag. USP) PA	49
7803-63-6	Ammonium Hydrogen Sulphate PRS	49
8000-27-9	Cedar Wood Oil DC	113
8000-27-9	Immersion Oil purified DC	226
8001-54-5	Alkylbenzyldimethylammonium Chloride (USP-NF) CODEX	33
8001-54-5	Alkylbenzyldimethylammonium Chloride, 98% PS	33
8001-54-5	Alkylbenzyldimethylammonium Chloride QP	33
8001-79-4	Immersion Oil DC	225
8001-79-4	Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX	113
8002-74-2	Paraffin M.P. ~42-44°C pieces QP	296
8002-74-2	Paraffin M.P. 51-53°C pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	296
8002-74-2	Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO	297
8002-74-2	Paraffin M.P. 51-53°C pellets DC	297
8002-74-2	Paraffin M.P. 52°C plasticized pellets DC	297
8002-74-2	Paraffin M.P. 56-58°C pellets DC	297
8002-74-2	Paraffin M.P. 56-58°C plasticized + DMSO pellets DC	297
8002-74-2	Paraffin M.P. 56-58°C plasticized pellets DC	297
8002-74-2	Paraffin M.P. 60-65°C (F.C.C.) ADITIO	297
8002-74-2	Paraplast X-Tra®Paraffin M.P. 52°C pellets	297
8002-74-2	Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets	297
8002-74-2	Paraplast®Paraffin M.P. 56-58°C pellets	297
8003-05-2	Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX	312
8004-87-3	Methyl Violet (C.I. 42535) DC	277
8005-03-6	Nigrosine water soluble (C.I. 50420) DC	284
8006-28-8	Soda Lime with indicator QP	364
8006-64-2	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol (BP) PRS-CODEX	461
8006-64-2	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol (BP, Ph. Eur.) CODEX	461
8006-64-2	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol QP	461
8007-43-0	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
8007-43-0	Sorbitan Sesquioleate PS	404
8007-47-4	Canada Balsam DC	109
8009-03-8	Vaseline Soft QP	466
8012-95-1	Vaseline Oil (IR) PAI	465
8012-95-1	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
8012-95-1	Vaseline Oil (F.C.C.) ADITIO	465
8012-95-1	Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX	245
8017-16-1	Polyphosphoric Acid PS	318
8050-09-7	Colophony (BP, Ph. Eur.) PRS-CODEX	127
8052-41-3	White Spirit PA	468
8052-41-3	White Spirit PS	468
9000-01-5	Arabic Gum powder PRS	59
9000-01-5	Arabic Gum powder (E-414, F.C.C.) ADITIO	59
9000-70-8	Gelatine 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	195
9000-70-8	Gelatine 80-100 Blooms ADITIO	195
9000-70-8	Gelatine, Bacteriological (Ingredient) CULTIMED	195
9000-70-8	Gelatine Gold DC	195
9001-75-6	Pepsin 1:10.000 NF RE	301
9001-75-6	Liquid Pepsin RE	301
9002-18-0	Agar (USP) PRS-CODEX	31
9002-18-0	Agar (E-406, F.C.C.) ADITIO	31
9002-18-0	Agar, Bacteriological American Type (Ingredient) CULTIMED	31
9002-18-0	Agar, Bacteriological European Type (Ingredient) CULTIMED	31
9002-18-0	Agar, Purified (Ingredient) CULTIMED	31
9002-18-0	Agar, Technical (Ingredient) CULTIMED	31
9002-92-0	Brij® 35 QP	78
9002-92-0	Brij® 35 aqueous solution 30% w/v DC	78
9002-93-1	Triton® X 100 PRS	460
9002-93-1	Triton ® X 405 solution 70% PRS	460
9004-32-4	Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
9004-32-4	Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO	112
9004-32-4	Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
9004-32-4	Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO	112
9004-32-4	Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
9004-32-4	Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO	112
9004-53-9	Dextrin Yellow PS	140
9005-64-5	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
9005-64-5	Polysorbate 20 (E-432) ADITIO	318
9005-64-5	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462
9005-64-5	Tween® 20 (E-432) ADITIO	462
9005-64-5	Tween® 20 PS	462
9005-65-6	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319
9005-65-6	Polysorbate 80 (E-433) ADITIO	319
9005-65-6	Polysorbate 80 PS	319
9005-65-6	Tween ® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462
9005-65-6	Tween® 80 (E-433) ADITIO	462
9005-65-6	Tween® 80 PS	462
9005-66-7	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318
9005-66-7	Polysorbate 40 (E-434) ADITIO	319
9005-66-7	Polysorbate 40 PS	319
9005-67-8	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319
9005-67-8	Polysorbate 60 (E-435) ADITIO	319
9005-67-8	Polysorbate 60 PS	319
9005-70-3	Polysorbate 85 PS	320
9005-71-4	Polysorbate 65 (E-436) ADITIO	319
9005-71-4	Polysorbate 65 PS	319
9005-84-9	Starch from Potato soluble (Reag. USP, Ph. Eur.) PA	426
9005-84-9	Starch solution 1% RV	426
9005-84-9	Starch solution 1% VINIKIT	426
9005-84-9	Starch solution 2% VINIKIT	426
9080-17-5	Ammonium Polysulphide solution 25% w/w PRS	53
10022-31-8	Barium Nitrate PA-ACS	64
10022-31-8	Barium Nitrate PRS	65
10022-68-1	Cadmium Nitrate 4-hydrate PA	100

10022-68-1	Cadmium Nitrate 4-hydrate PRS	100
10025-69-1	Tin(II) Chloride 2-hydrate (max. 0,000005% Hg) PA-ACS	444
10025-69-1	Tin(II) Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS	444
10025-69-1	Tin(II) Chloride 2-hydrate PRS	445
10025-69-1	Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX	445
10025-69-1	Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO	445
10025-70-4	Strontium Chloride 6-hydrate PRS	427
10025-77-1	Iron(III) Chloride 6-hydrate PRS	230
10025-84-0	Lanthanum(III) Chloride 7-hydrate PA-ACS	241
10025-84-0	Lanthanum(III) Chloride 7-hydrate PA	242
10025-87-3	Phosphoryl Chloride, 99% PS	315
10025-91-9	Antimony(III) Chloride, 98% PS	57
10026-22-9	Cobalt(II) Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	126
10026-22-9	Cobalt(II) Nitrate 6-hydrate PRS	126
10026-24-1	Cobalt(II) Sulphate 7-hydrate PA	127
10026-24-1	Cobalt(II) Sulphate 7-hydrate PRS	127
10028-21-4	Iron(II) Sulphate ~2-hydrate PA	231
10028-22-5	Iron(III) Sulphate x-hydrate ~75% PA	232
10028-22-5	Iron(III) Sulphate x-hydrate ~75% PRS	232
10028-24-7	di-Sodium Hydrogen Phosphate 2-hydrate PA	380
10028-24-7	di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	381
10028-24-7	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO	381
10031-43-3	Copper(II) Nitrate 3-hydrate (Reag. Ph. Eur.) PA-ACS	130
10031-43-3	Copper(II) Nitrate 3-hydrate PRS	130
10034-82-9	Sodium Chromate 4-hydrate PRS	373
10034-85-2	Hydriodic Acid 57% PA-ACS	212
10034-85-2	Hydriodic Acid 57% PRS	212
10034-88-5	Sodium Hydrogen Sulphate 1-hydrate PRS	383
10034-93-2	Hydrazinium Sulphate PA-ACS	211
10034-96-5	Manganese(II) Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	258
10034-96-5	Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX	258
10034-96-5	Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO	259
10034-99-8	Magnesium Sulphate 7-hydrate PA-ACS	254
10034-99-8	Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	254
10034-99-8	Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO	254
10035-04-8	Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO	103
10035-04-8	Calcium Chloride 2-hydrate powder PA-ACS	103
10035-04-8	Calcium Chloride 2-hydrate powder PRS	103
10035-04-8	Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX	103
10035-04-8	Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO	104
10035-04-8	Calcium Chloride solution 45% w/w (as $CaCl_2.2H_2O$) (E-509, F.C.C.) ADITIO	104
10035-06-0	Bismuth(III) Nitrate 5-hydrate PA-ACS	75
10035-06-0	Bismuth(III) Nitrate 5-hydrate PRS	75
10035-10-6	Hydrobromic Acid 48% PA-ACS-ISO	212
10035-10-6	Hydrobromic Acid 48% PRS	212
10039-26-6	Lactose 1-hydrate (Reag. USP) PA-ACS	241
10039-26-6	Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	241
10039-26-6	Lactose 1-hydrate (F.C.C.) ADITIO	241
10039-32-4	di-Sodium Hydrogen Phosphate 12-hydrate PA-ISO	381
10039-32-4	di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	381
10039-32-4	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO	381
10039-54-0	Hydroxylammonium Sulphate PA	224
10039-54-0	Hydroxylammonium Sulphate, 99% PS	224
10039-56-2	Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX	396
10042-76-9	Strontium Nitrate PA-ACS	428
10042-76-9	Strontium Nitrate PRS	428
10043-35-3	Boric Acid PA-ACS-ISO	77
10043-35-3	Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	77
10043-35-3	Boric Acid solution 3% RV	77
10043-35-3	Boric Acid solution 4% RV	77
10043-35-3	Boric Acid in tablets PA	77
10043-35-3	Boron standard solution B=1,000±0,002 g/l ICP	409
10043-52-4	Calcium Chloride anhydrous QP	103
10043-67-1	Aluminium Potassium Sulphate dry, powder QP	36
10045-86-0	Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO	231
10045-94-0	Mercury(II) Nitrate 0,005 mol/l (0,01N) DC	262
10045-94-0	Mercury(II) Nitrate 0,005 mol/l (0,01N) SV	262
10045-94-0	Mercury(II) Nitrate 0,01 mol/l (0,02N) SV	262
10045-94-0	Mercury(II) Nitrate 0,05 mol/l (0,1N) SV	262
10048-95-0	di-Sodium Hydrogen Arsenate 7-hydrate (Reag. Ph. Eur.) PA-ACS	378
10048-95-0	di-Sodium Hydrogen Arsenate 7-hydrate PRS	379
10049-21-5	Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	382
10049-21-5	Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX	382
10049-21-5	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO	382
10060-12-5	Chromium(III) Chloride 6-hydrate PRS	122
10060-13-6	Ammonium Copper(II) Chloride 2-hydrate PRS	46
10075-50-0	5-Bromoindole, 99% PS	84
10099-74-8	Lead(II) Nitrate (Reag. Ph. Eur.) PA-ACS	244
10099-74-8	Lead(II) Nitrate PRS	244
10101-41-4	Calcium Sulphate 2-hydrate PA-ACS	108
10101-41-4	Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
10101-41-4	Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO	108
10101-89-0	tri-Sodium Phosphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	395
10101-89-0	tri-Sodium Phosphate 12-hydrate PRS	395
10101-89-0	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO	395
10101-97-0	Nickel(II) Sulphate 6-hydrate PA-ACS	284
10101-97-0	Nickel(II) Sulphate 6-hydrate PRS	284
10102-17-7	Sodium Thiosulphate 5-hydrate PA-ACS	401
10102-17-7	Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	402
10102-17-7	Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO	402
10102-17-7	Sodium Thiosulphate 0,1 mol (24,818g $Na_2S_2O_3.5H_2O$) to prepare 1l of 0,1N solution SVc	402
10102-18-8	Sodium Selenite anhydrous PRS	397
10102-18-8	Sodium Selenite anhydrous (BP) CODEX	397
10102-25-7	Lithium Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	249
10102-25-7	Lithium Sulphate 1-hydrate PRS	249
10102-40-6	Sodium Molybdate 2-hydrate (Reag. Ph. Eur.) PA-ACS	391
10102-40-6	Sodium Molybdate 2-hydrate (BP, Ph. Eur.) PRS-CODEX	391
10108-64-2	Cadmium Chloride 2,5-hydrate PA-ACS	99
10108-64-2	Cadmium Chloride 2,5-hydrate PRS	99
10114-58-6	Bismarck Brown Y (C.I. 21000) DC	74
10125-13-0	Copper(II) Chloride 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	129
10125-13-0	Copper(II) Chloride 2-hydrate (USP) PRS-CODEX	129
10127-02-3	Acridine Orange (C.I. 46005) DC	29
10138-04-2	Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV	51
10191-41-0	DL–α–Tocopherol (E-307, F.C.C.) ADITIO	446
10196-04-0	Ammonium Sulphite 1-hydrate QP	54
10196-18-6	Zinc Nitrate 6-hydrate PA	474
10196-18-6	Zinc Nitrate 6-hydrate PRS	474
10213-10-2	Sodium Tungstate 2-hydrate (Reag. Ph. Eur.) PA-ACS	402
10213-10-2	Sodium Tungstate 2-hydrate PRS	403
10217-52-4	Hydrazinium Hydroxide 80% PA	211
10217-52-4	Hydrazinium Hydroxide 80% PS	211
10233-87-1	tri-Magnesium di-Phosphate 5-hydrate PRS	253
10233-87-1	tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO	254
10277-43-7	Lanthanum(III) Nitrate 6-hydrate PA	242
10294-26-5	Silver Sulphate PA-ACS	363
10294-26-5	Silver Sulphate PRS	363
10294-40-3	Barium Chromate (C.I. 77103) PA	64
10294-40-3	Barium Chromate (C.I. 77103) PRS	64
10294-42-5	Cerium(IV) Sulphate 4-hydrate (Reag. USP, Ph. Eur.) PA	114
10294-42-5	Cerium(IV) Sulphate 4-hydrate PRS	114
10294-42-5	Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV	114
10294-42-5	Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV	114
10294-66-3	Potassium Thiosulphate x-hydrate PRS	345
10310-21-1	2-Amino-6-Chloropurine, 99% PS	38
10326-27-9	Barium Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	63
10326-27-9	Barium Chloride 2-hydrate PRS	63
10361-29-2	Ammonium Carbonate (Reag. Ph. Eur.) PA-ACS	45
10361-29-2	Ammonium Carbonate (USP-NF) PRS-CODEX	45
10361-29-2	Ammonium Carbonate (E-503i, F.C.C.) ADITIO	45
10361-37-2	Barium Chloride solution 10% w/v RE	63
10361-37-2	Barium Chloride 0,1 mol/l (0,1M) SV	64
10361-46-3	Bismuth(III) Hydroxide Nitrate (USP, DAB) PRS-CODEX	74
10378-47-9	Ammonium Cerium(IV) Sulphate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	45
10378-47-9	Ammonium Cerium(IV) Sulphate 2-hydrate PRS	45
10416-59-8	N,O-Bis (Trimethylsilyl) Acetamide CG	75
10450-60-9	Periodic Acid (Reag. USP, Ph. Eur.) PA-ACS	304
10450-60-9	Periodic Acid PA	304
10450-60-9	Periodic Acid PRS	304
10450-60-9	Periodic Acid, 99% PS	304
10486-00-7	Sodium Perborate 4-hydrate (BP, Ph. Eur.) PRS-CODEX	394
10538-51-9	2,5-Dimethoxycinnamic Acid, 99% PS	155
10555-76-7	Sodium meta-Borate 4-hydrate PRS	367
12001-68-2	Potassium Boron Tartrate PRS	321
12003-78-0	Nickel-Aluminium alloy according to Raney PS	283
12007-60-2	di-Lithium tetra-Borate PA	247
12013-21-7	Magnesium Molybdate 5-hydrate PRS	253
12027-06-4	Ammonium Iodide PA-ACS	49
12027-67-7	Ammonium Molybdate 4-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51
12027-67-7	Ammonium Molybdate 4-hydrate (USP) PRS-CODEX	51
12055-62-8	Holmium(III) Oxide (Reag. Ph. Eur.) PA	210
12067-99-1	Phosphotungstic Acid hydrate PA	315
12068-85-8	Iron Sulphide natural powder PRS	232
12069-69-1	Copper(II) Hydroxide Carbonate PA	130
12069-69-1	Copper(II) Hydroxide Carbonate PRS	130
12124-97-9	Ammonium Bromide PA-ACS	44
12124-97-9	Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX	44
12125-01-8	Ammonium Fluoride PA-ACS	47
12125-01-8	Ammonium Fluoride PRS	47
12125-02-9	Ammonium Chloride PA-ACS-ISO	46
12125-02-9	Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	46
12125-02-9	Ammonium Chloride (F.C.C.) ADITIO	46
12135-76-1	Ammonium Sulphide solution 20% w/w PRS	54
12135-76-1	Ammonium Sulphide solution 10% w/v PRS	54
12209-98-2	Sodium Stannate 3-hydrate PRS	398
12230-71-6	Baryta Water saturated solution RE	65
12230-71-6	Barium Hydroxide 8-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	64
12230-71-6	Barium Hydroxide 8-hydrate PRS	64
12232-99-4	Sodium Bismuthate (Reag. Ph. Eur.) PA	367
12602-23-2	Cobalt(II) Hydroxide Carbonate ~50% Co PRS	126
13011-54-6	Ammonium Sodium Hydrogen Phosphate 4-hydrate (Reag. USP) PA	53
13139-14-5	N–α–Boc-L-Tryptophan, 98% PS	76
13139-15-6	N-Boc-L-Leucine 1-hydrate, 98% PS	76
13139-16-7	N-Boc-L-Isoleucine 1/2-hydrate, 98% PS	76
13139-17-8	N-(Benzyloxycarbonyloxy) Succinimide, 98% PS	73
13154-24-0	Chlorotriisopropylsilane, 97% PS	121
13235-36-4	Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS	178
13446-18-9	Magnesium Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	253
13446-18-9	Magnesium Nitrate 6-hydrate PRS	253
13446-34-9	Manganese(II) Chloride 4-hydrate PA-ACS	257
13446-34-9	Manganese(II) Chloride 4-hydrate PRS	257
13446-34-9	Manganese(II) Chloride 4-hydrate (USP) CODEX	257
13446-34-9	Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO	257
13446-53-2	Magnesium Bromide 6-hydrate PA	251
13453-69-5	Lithium meta-Borate anhydrous PA	247
13453-78-6	Lithium Perchlorate 3-hydrate PA	249
13454-96-1	Platinum(IV) Chloride anhydrous, 98% PS	317
13455-24-8	Potassium Hydrogen Diiodate EQP-ACS	330
13455-24-8	Potassium Hydrogen Diiodate PRS	330
13463-67-7	Titanium(IV) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX	446
13463-67-7	Titanium(IV) Oxide (E-171, F.C.C.) ADITIO	446
13463-67-7	Titanium(IV) Oxide QP	446
13464-82-9	Indium(III) Sulphate anhydrous PRS	226
13464-92-1	Cadmium Bromide 4-hydrate PRS	99
13465-95-7	Barium Perchlorate anhydrous PRS	65
13465-95-7	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65
13472-35-0	Sodium di-Hydrogen Phosphate 2-hydrate PA	382
13472-35-0	Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	382
13472-35-0	Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO	383
13472-36-1	tetra-Sodium Pyrophosphate 10-hydrate PA	396
13472-36-1	tetra-Sodium Pyrophosphate 10-hydrate PRS	397
13472-36-1	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO	397
13477-34-4	Calcium Nitrate 4-hydrate PA-ACS	106
13477-34-4	Calcium Nitrate 4-hydrate PRS	107
13478-00-7	Nickel(II) Nitrate 6-hydrate PA	283
13478-00-7	Nickel(II) Nitrate 6-hydrate PRS	283
13478-10-9	Iron(II) Chloride 4-hydrate PRS	230
13517-06-1	Sodium Iodide 2-hydrate PA	390
13517-06-1	Sodium Iodide 2-hydrate PRS	390
13520-83-7	Uranyl Nitrate 6-hydrate PA-ACS	463
13573-16-5	Reinecke Salt (Reag. USP, Ph. Eur.) PA-ACS	355
13598-36-2	Phosphorous Acid PRS	314
13598-65-7	Rhenium standard solution Re=1,000±0,002 g/l ICP	415
13598-65-7	Rhenium standard solution Re=10,00±0,02 g/l ICP	415
13600-98-1	Sodium Hexanitrocobaltate(III) PA-ACS	378

13726-67-5	N-Boc-L-Aspartic Acid, 98% PS	76
13734-34-4	N-Boc-L-Phenylalanine, 98% PS	76
13734-41-3	N-Boc-L-Valine, 98% PS	77
13746-66-2	Potassium Hexacyanoferrate(III) (Reag. Ph. Eur.) PA-ACS	329
13746-66-2	Potassium Hexacyanoferrate(III) PRS	329
13746-66-2	Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV	330
13755-38-9	Sodium Pentacyanonitrosoferrate(III) 2-hydrate (Reag. Ph. Eur.) PA-ACS	393
13755-38-9	Sodium Pentacyanonitrosoferrate(III) 2-hydrate PA	393
13775-80-9	Hydrazinium mono-Bromide, 99% PS	210
13811-71-7	Diethyl D(-)-Tartrate, 99% PS	152
13940-38-0	Sodium para-Periodate PA	394
14199-15-6	Methyl 4-Hydroxyphenylacetate, 98% PS	272
14221-47-7	Ammonium Iron(III) Oxalate 3-hydrate PRS	50
14459-95-1	Potassium Hexacyanoferrate(II) 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	329
14459-95-1	Potassium Hexacyanoferrate(II) 3-hydrate PRS	329
14459-95-1	Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO	329
14459-95-1	Potassium Hexacyanoferrate(II) solution 10% w/v RE	329
14459-95-1	Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT	329
14634-91-4	Ferroin solution 0,025 mol/l (0,025M) RV	183
14807-96-6	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436
14807-96-6	Talc washed (E-553b, F.C.C.) ADITIO	436
14808-60-7	Sea Sand washed, thin grain QP	359
14808-60-7	Sea Sand washed, thick grain QP	359
14866-33-2	Tetraoctylammonium Bromide, 98% PS	442
15191-80-7	Copper(II) Pyrophosphate x-hydrate QP	131
15244-38-9	Chromium(III) Sulphate x-hydrate PRS	123
15656-28-7	Bis (Pyridine) Iodonium Tetrafluoroborate PS	75
15708-48-2	Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS	177
15761-38-3	N-Boc-L-Alanine, 98% PS	76
15761-39-4	N-Boc-L-Proline, 98% PS	76
16029-98-4	Iodotrimethylsilane, 98% PS	229
16045-88-8	Boron Trifluoride 14% in methanol PS	78
16091-26-2	3'-Aminobenzanilide, 99% PS	37
16423-68-0	Erythrosin B (C.I. 45430) DC	169
16574-43-9	Bromopyrogallol Red PA	86
16593-81-0	4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS	353
16674-78-5	Magnesium Acetate 4-hydrate (Reag. Ph. Eur.) PA-ACS	250
16674-78-5	Magnesium Acetate 4-hydrate PRS	251
16674-78-5	Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX	251
16731-55-8	Potassium Disulphite PA	328
16731-55-8	Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRS-CODEX	328
16731-55-8	Potassium Disulphite (E-224, F.C.C.) ADITIO	328
16774-21-3	Ammonium Cerium(IV) Nitrate (Reag. Ph. Eur.) PA-ACS	45
16788-57-1	di-Potassium Hydrogen Phosphate 3-hydrate PA	331
16788-57-1	di-Potassium Hydrogen Phosphate 3-hydrate PRS	332
16788-57-1	di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.) ADITIO	332
16853-85-3	Lithium Aluminium Hydride, 95% in Argon atmosphere PS	246
16853-85-3	Lithium Aluminium Hydride, 95% tablets in Argon atmosphere PS	247
16872-11-0	Tetrafluoroboric Acid 35% PA	440
16893-85-9	Sodium Hexafluorosilicate QP	378
16921-30-5	Potassium Hexachloroplatinate(IV) (Reag. USP) PA	329
16940-66-2	Sodium Borohydride (Reag. USP) PA	368
16940-66-2	Sodium Borohydride, 96% PS	368
16961-25-4	Tetrachloroauric Acid(III) 3-hydrate PA-ACS	439
17084-13-8	Potassium Hexafluorophosphate QP	330
17194-82-0	4-Hydroxyphenylacetamide, 99% PS	224
17287-03-5	Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG	459
17372-87-1	Eosin Yellowish (C.I. 45380) PA-ACS	168
17372-87-1	Eosin Yellowish (C.I. 45380) DC	168
17375-41-6	Iron(II) Sulphate ~1-hydrate QP	231
17455-13-9	Crown Ether/18-Crown-6, 98% PS	133
1759-53-10	Cyclopropanecarboxylic Acid, 98% PS	143
17687-37-5	Urea Nitrate moistened with ~20% of H_2O PRS	464
17791-52-5	N–α–Boc-L-Histidine, 98% PS	76
17849-38-6	2-Chlorobenzyl Alcohol, 99% PS	118
18016-24-5	Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO	105
18156-74-6	N-(Trimethylsilyl) Imidazole CG	458
18156-74-6	N-(Trimethylsilyl) Imidazole, 98% PS	459
18162-48-6	tert-Butyldimethylchlorosilane, 98% PS	96
18282-10-5	Tin(IV) Oxide PRS	445
18282-59-2	4-Bromo-1,2-Dichlorobenzene, 98% PS	83
18472-87-2	Phloxine B (C.I. 45410) DC	313
18497-13-7	Hexachloroplatinic(IV) Acid 6-hydrate (Reag. Ph. Eur.) PA-ACS	204
18497-13-7	Hexachloroplatinic(IV) Acid 6-hydrate solution 10% (3,8% Pt) PA	204
18996-35-5	Sodium di-Hydrogen Citrate PA	380
18996-35-5	Sodium di-Hydrogen Citrate PRS	380
19381-50-1	Naphthol Green B (C.I. 10020) PA-ACS	281
19641-63-5	(R)-2-Aminosuberic Acid	492
20439-47-8	(1R,2R)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	492
20439-47-8	(1R,2R)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	493
20439-47-8	(1R,2R)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	493
20624-25-3	Sodium Diethyldithiocarbamate 3-hydrate (Reag. Ph. Eur.) PA-ACS	375
20667-12-3	Silver(I) Oxide PRS	363
20694-39-7	Manganese(II) Nitrate 4-hydrate PA	258
20694-39-7	Manganese(II) Nitrate 4-hydrate PRS	258
20816-12-0	Osmium(VIII) Oxide PA-ACS	294
20816-12-0	Osmium(VIII) Oxide solution 4% DC	294
21368-68-3	DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX	109
21368-68-3	DL-Camphor synthetic (USP) PRS-CODEX	109
21368-68-3	DL-Camphor, 95% synthetic PS	109
21436-03-3	(1S,2S)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	493
21436-03-3	(1S,2S)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	493
21436-03-3	(1S,2S)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	493
21645-51-2	Aluminium Hydroxide PRS	35
21908-53-2	Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS	263
21908-53-2	Mercury(II) Oxide yellow PRS	263
21908-53-2	Mercury(II) Oxide red PRS	263
22767-49-3	1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI	301
22767-50-6	1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI	204
22838-58-0	N-Boc-D-Valine, 98% PS	77
23616-79-7	Benzyltributylammonium Chloride, 99% PS	73
23647-14-5	SPADNS PA	405
23647-14-5	SPADNS PS	405
24057-28-1	Pyridinium 4-Toluenesulphonate, 99% PS	353
24324-17-2	9-Fluorenylmethanol, 99% PS	184
24424-99-5	Di-tert-Butyl Dicarbonate, 98% PS	141
24589-78-4	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG	277
24589-78-4	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide, 95% PS	277
24596-19-8	4-Bromo-2,6-Dimethylaniline, 98% PS	83
24634-61-5	Potassium Sorbate PA	343
24634-61-5	Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	343
24634-61-5	Potassium Sorbate (E-202, F.C.C.) ADITIO	343
24964-64-5	3-Cyanobenzaldehyde, 98% PS	134
25102-12-9	Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS	177
25322-68-3	Polyethylene Glycol 200 PS	317
25322-68-3	Polyethylene Glycol 300 PS	317
25322-68-3	Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	317
25322-68-3	Polyethylene Glycol 400 PS	317
25322-68-3	Polyethylene Glycol 600 PS	317
25322-68-3	Polyethylene Glycol 1500 PS	318
25322-68-3	Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
25322-68-3	Polyethylene Glycol 4000 flakes PS	318
25322-68-3	Polyethylene Glycol 6000 flakes PS	318
25322-68-3	Polyethylene Glycol 6000 powder PS	318
25561-30-2	N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG	75
25620-78-4	Pararosaniline base (C.I. 42500) DC	298
26266-57-9	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404
26266-57-9	Sorbitan Monopalmitate PS	404
26266-58-0	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
26266-58-0	Sorbitan Trioleate PS	404
26412-87-3	Sulphur Trioxide-Pyridine (Complex) PS	431
26628-22-8	Sodium Azide (Reag. USP, Ph. Eur.) PA	366
26628-22-8	Sodium Azide, 99% PS	366
26658-19-5	Sorbitan Tristearate PS	405
27176-10-9	tri-Potassium Phosphate 1,5-hydrate PRS	342
27176-10-9	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO	342
28048-33-1	3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4', 4"-Disulphonic Acid Disodium Salt PA	353
28300-74-5	Potassium Antimony(III) Tartrate 3-hydrate PA-ACS	320
28300-74-5	Potassium Antimony(III) Tartrate 3-hydrate PRS	320
28631-66-5	Aniline Blue WS (C.I. 42755) DC	56
29022-11-5	N-Fmoc-Glycine, 98% PS	188
30525-89-4	Paraformaldehyde (DAC) PRS-CODEX	297
30525-89-4	Paraformaldehyde, 95% PS	297
30525-89-4	Paraformaldehyde tablets ~1g QP	298
32085-88-4	3,5-Difluorobenzaldehyde, 98% PS	153
32175-00-1	trans-4-Methylcyclohexyl Isocyanate, 98% PS	271
32266-60-7	Azomethine H (Reag. Ph. Eur.) PA	62
32315-10-9	Triphosgene, 98% PS	459
32503-27-8	Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI	438
32503-27-8	Tetrabutylammonium Hydrogen Sulphate, 98% PS	438
32862-97-8	3-Bromocinnamic Acid, 98% PS	82
33100-27-5	Crown Ether/15-Crown-5, 98% PS	133
33483-65-7	trans-4-Methylcyclohexylammonium Chloride, 98% PS	271
33685-54-0	1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI	439
33725-74-5	Tetrabutylammonium Borohydride, 97% PS	438
33864-99-2	Alcian Blue 8 GX (C.I. 74240) DC	32
34036-07-2	3,4-Difluorobenzaldehyde, 98% PS	153
34281-92-0	(1S, 2R)-2-Phenyl-1-Cyclohexanol	493
34487-61-1	Phenol Red Sodium Salt PA-ACS	310
34962-29-3	Iron(II) Ethylenediammonium Sulphate 4-hydrate PA	230
35661-39-3	N-Fmoc-L-Alanine, 98% PS	188
35661-40-6	N-Fmoc-L-Phenylalanine, 98% PS	189
35661-60-0	N-Fmoc-L-Leucine, 98% PS	188
35737-15-6	N–α–Fmoc-L-Tryptophan, 98% PS	189
36653-82-4	Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	114
36653-82-4	Cetyl Alcohol, 97% PS	115
37247-10-2	Azur II (C.I. 52010+52015) DC	62
37267-86-0	meta-Phosphoric Acid stabilized with $NaPO_3$ (Reag. Ph. Eur.) PA-ACS	314
39236-46-9	Imidazolidinyl Urea, 26-28% (in N) PS	225
39365-87-2	Magnesium Trisilicate x-hydrate (USP) PRS-CODEX	255
39409-82-0	Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO	252
39409-82-0	Magnesium Hydroxide Carbonate 5-hydrate QP	253
39430-27-8	Nickel(II) Hydroxide Carbonate x-hydrate PRS	283
39665-12-8	L-Lysine 1-hydrate, 98% PS	249
41253-21-8	1,2,4-Triazole Sodium Salt, 95% PS	449
41931-18-4	4-Bromophenylhydrazinium Chloride, 96% PS	86
49763-65-7	4-Pentylbenzoyl Chloride, 98% PS	301
50663-21-3	4-Bromocinnamic Acid, 99% PS	82
50813-16-6	Sodium Polyphosphate PRS	396
50813-16-6	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO	396
51429-74-4	Phosphomolybdic Acid x-hydrate PA-ACS	313
51811-82-6	Azur-Eosin-Methylene Blue dye according to Giemsa DC	62
54827-17-7	3,3',5,5'-Tetramethylbenzidine (Reag. Ph. Eur.) PA	441
56961-77-4	3-Bromo-1,2-Dichlorobenzene, 98% PS	83
57414-02-5	Menadione Sodium Disulphite 3-hydrate, 95% PS	260
57526-28-0	2-Methylbutyryl Chloride, 99% PS	270
57848-46-1	4-Bromo-2-Fluorobenzaldehyde, 96% PS	83
58313-23-8	Ethyl 3-Iodobenzoate, 99% stabilized with copper PS	181
58464-45-2	Morpholinium Iodide, 99% PS	280
58632-95-4	Boc-ON, 98% PS	76
61072-56-8	4-Chloro-2-Fluorobenzaldehyde, 99% PS	120
61790-53-2	Celite Hyflo Super Cel ® RE	113
62625-22-3	Zincon PA	474
62625-30-3	Bromocresol Purple Sodium Salt PA	82
62637-91-6	3',3",5',5"-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA	438
62758-13-8	Resazurin PA	355
62758-13-8	Resazurin DC	355
62961-64-2	Diisopropyl D(-)-Tartrate, 98% PS	155
64010-42-0	Magnesium Perchlorate hydrate (desiccant) PA-ACS	253
64742-49-0	Petroleum Ether 25-40°C PRS	304
64742-49-0	Petroleum Ether 30-40°C PRS	305
64742-49-0	Petroleum Ether 30-50°C PRS	305
64742-49-0	Petroleum Ether 30-60°C PRS	305
64742-49-0	Petroleum Ether 40-60°C (UV) PAI	305
64742-49-0	Petroleum Ether 40-60°C (PAR) PAI	305
64742-49-0	Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO	305
64742-49-0	Petroleum Ether 40-60°C PA-ACS-ISO	305
64742-49-0	Petroleum Ether 40-60°C PA	306
64742-49-0	Petroleum Ether 40-60°C PRS	306
64742-49-0	Petroleum Ether 40-60°C PS	306
64742-49-0	Petroleum Ether 50-70°C PA	306
64742-49-0	Petroleum Ether 50-70°C PRS	306
64742-49-0	Petroleum Ether 60-80°C PA	306
64742-49-0	Petroleum Ether 60-80°C PRS	307
64742-49-0	Petroleum Ether 65-95°C PA	307
64742-49-0	Petroleum Ether 65-95°C PRS	307
64742-49-0	Petroleum Ether 100-120°C PA	307
64742-49-0	Petroleum Ether 190-250°C-Kerosene for analysis PA	307
64742-49-0	Petroleum Ether 190-250°C QP	307
64742-49-0	Isohexane (UV-IR-HPLC) PAI	234

64742-49-0	Isohexane PA	234
64742-49-0	Isohexane, 95% PS	235
65501-24-8	Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS	177
65635-85-0	Z-D-N-MeLeu-OH	494
65997-17-3	Glass Wool washed QP	196
66713-87-9	(S)-Boc-2-Aminosuberic Acid	492
68858-20-8	N-Fmoc-L-Valine, 98% PS	189
69011-20-7	Cation Exchange Resin Strongly Acidic PA	113
69011-20-7	Ion Exchange Resin Strongly Acidic RE	229
71989-16-7	N–α–Fmoc-L-Asparagine, 98% PS	188
71989-20-3	N–α–Fmoc-L-Glutamine, 98% PS	188
71989-23-6	N-Fmoc-L-Isoleucine, 98% PS	188
71989-28-1	N-Fmoc-L-Methionine, 98% PS	189
71989-31-6	N-Fmoc-L-Proline, 98% PS	189
73724-45-5	N-Fmoc-L-Serine, 98% PS	189
73731-37-0	N-Fmoc-L-Threonine 1-hydrate, 98% PS	189
75006-64-3	Dimethylglyoxime di-Sodium Salt 8-hydrate PA	159
77771-02-9	3-Bromo-4-Fluorobenzaldehyde, 98% PS	83
79868-79-4	(R)- 2-Amino-1,1,2-Triphenylethanol	492
81029-05-2	Brilliant Cresyl Blue (C.I. 51010) DC	78
82911-69-1	N-(9-Fluorenylmethoxycarbonyloxy) Succinimide, 98% PS	184
84194-36-5	2-Chloro-4-Fluorobenzaldehyde, 97% PS	120
85531-30-2	Pyrogallol Red PA	354
90622-57-4	Isoparaffin G PA	237
90622-57-4	Isoparaffin H (Substitute of Xylene) DC	237
91000-69-0	N–α–Fmoc-L-Arginine, 98% PS	188
91053-39-3	Siliceous Earth purified and calcined (USP-NF) PRS-CODEX	361
91053-39-3	Siliceous Earth purified and calcined (F.C.C.) ADITIO	361
91053-39-3	Siliceous Earth purified and calcined QP	361
92112-69-1	Hexane, alkanes mixture (HPLC) PAI	207
92112-69-1	Hexane, alkanes mixture (PAR) PAI	208
92112-69-1	Hexane, alkanes mixture PA	208
92112-69-1	Hexane, alkanes mixture PRS	208
92112-69-1	Hexane, 95% alkanes mixture PS	208
92954-90-0	N-Fmoc-L-Tyrosine, 98% PS	189
93777-26-5	5-Bromo-2-Fluorobenzaldehyde, 98% PS	83
95061-46-4	(R)-1,1,2-Triphenyl-1,2-Ethanediol	494
98919-68-7	(1R, 2S)-2-Phenyl-1-Cyclohexanol	493
108998-83-0	(S)-1,1,2-Triphenyl-1,2-Ethanediol	494
112926-00-8	Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS	360
112926-00-8	Silica Gel 3-6 mm with indicator (with cobalt chloride) QP	360
112926-00-8	Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS	360
112926-00-8	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS	360
112926-00-8	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP	360
112926-00-8	Silica Gel 60, *40-63 microns	360
112926-00-8	Silica Gel 60, 63-200 microns RE	360
119062-05-4	N-Fmoc-L-Aspartic Acid, 98% PS	188
123333-53-9	1-Hydroxybenzotriazole moistened with ~33% of H_2O PS	222
123333-66-4	Potassium Tellurite x-hydrate, 95,0% PS	344
125572-95-4	1,2-Diaminocyclohexane-N,N,N',N',-T etraacetic Acid 1-hydrate (Reag. Ph. Eur.) PA-ACS	141
129704-13-8	(S)- 2-Amino-1,1,2-Triphenylethanol	492
138495-42-8	1,1,1,2,3,4,4,5,5,5-Decafluoropentane, 99,5% PS	138
143768-86-9	(3aR*, 4R*, 7S*, 7aS*)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
157556-88-2	(S)-Triphenyloxirane	494
183849-26-5	(R)-Triphenyloxirane	494
213995-12-1	(R)-2-Piperidino-1,1,2-Triphenylethanol	493
218457-76-2	(S)-Fmoc-2-Aminosuberic Acid	492
276869-41-1	Fmoc-L-2-Aminosuberic Acid, 8-tert-Butyl Ester	492
287929-70-8	(R) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	492
287929-86-6	(S) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	492
297746-05-5	(3aS, 4S, 7R, 7aR)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
297746-10-2	(3aR, 4R, 7S, 7aS)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
417726-36-4	(2S)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	493

Qualities - product code		
12 PA		
121004	Acetamide PA	18
121005	Acetanilide (Reag. USP) PA	18
121010	Sulphuric Acid 90-91% acc. to Gerber PA	433
121025	5,5-Diethylbarbituric Acid PA	149
121027	Tetrafluoroboric Acid 35% PA	440
121029	Formic Acid 85% PA	192
121033	Phosphotungstic Acid hydrate PA	315
121034	L(+)-Lactic Acid PA	240
121038	Nitric Acid fuming (Reag. Ph. Eur.) PA	285
121051	Rosolic Acid (C.I. 43800) PA	357
121076	Hydrogen Peroxide 30% w/v (100 vol.) PA	221
121079	3-Methyl-1-Butanol according to Gerber PA	270
121080	3,3',5,5'-Tetramethylbenzidine (Reag. Ph. Eur.) PA	441
121085	Ethanol 96% v/v PA	172
121086	Ethanol absolute PA	170
121092	Mercury(II) Thiocyanate (Reag. USP, Ph. Eur.) PA	263
121093	1-Nitroso-2-Naphthol (C.I. 10005) PA	291
121094	Alizarin (C.I. 58000) PA	32
121096	Starch from Potato soluble (Reag. USP, Ph. Eur.) PA	426
121100	Aluminium Oxide Basic (Reag. Ph. Eur.) PA	35
121105	Alizarin Yellow GG (C.I. 14025) PA	33
121106	Alizarin Yellow R (C.I. 14030) PA	33
121107	Metanil Yellow (C.I. 13065) PA	264
121116	Ammonium Hydrogen Carbonate (Reag. Ph. Eur.) PA	47
121117	Ammonium Hydrogen Sulphate (Reag. USP) PA	49
121124	Ammonium Chromate PA	46
121128	Ammonia 20% (as NH3) PA	43
121129	Ammonia 25% (as NH3) (Reag. USP, Ph. Eur.) PA	41
121137	Ammonium Perchlorate PA	52
121140	Ammonium Sulphate PA	53
121146	di-Ammonium Tartrate PA	54
121151	Arsenic(III) Oxide (Reag. Ph. Eur.) PA	60
121153	Chromium(VI) Oxide (Reag. Ph. Eur.) PA	122
121157	Anilinium Chloride PA	56
121158	Antimony(III) Oxide PA	57
121170	Methylene Blue (C.I. 52015) PA	271
121181	Barium Carbonate PA	63
121187	Barium Chromate (C.I. 77103) PA	64
121191	Barium Sulphate PA	65
121203	Cadmium Acetate 2-hydrate (Reag. USP) PA	99
121207	Cadmium Nitrate 4-hydrate PA	100
121209	Cadmium Iodide PA	99
121211	Calcium Acetate x-hydrate PA	101
121212	Calcium Carbonate precipitated PA	102
121213	tri-Calcium di-Citrate 4-hydrate PA	104
121214	Calcium Chloride 6-hydrate PA	104
121225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PA	101
121226	Calcium Hydrogen Phosphate 2-hydrate PA	105
121227	Calcium Hydrogen Phosphate anhydrous PA	105
121233	Calcium Oxalate 1-hydrate PA	107
121237	Charcoal Activated powder PA	115
121246	Indigo Carmine (C.I. 73015) PA	226
121248	Cerium(IV) Sulphate 4-hydrate (Reag. USP, Ph. Eur.) PA	114
121251	Cinchonine (Reag. USP, Ph. Eur.) PA	123
121252	Trichloromethane stabilized with ethanol PA	453
121259	Cobalt(II) Sulphate 7-hydrate PA	127
121262	Copper(II) Hydroxide Carbonate PA	130
121269	Copper(II) Oxide PA	130
121272	Cochineal (C.I. 75470) PA	127
121275	Chromium(III) Nitrate 9-hydrate PA	122
121289	Diethylene Glycol (Reag. USP, Ph. Eur.) PA	149
121291	Dimedone PA	155
121292	4-(Dimethylamino) Azobenzene (C.I. 11020) PA	165
121293	4-(Dimethylamino) Benzaldehyde PA	157
121294	N,N-Dimethylaniline PA	157
121315	Petroleum Ether 40-60°C PA	306
121316	Ethylene Glycol (Reag. USP, Ph. Eur.) PA	179
121317	Ethylene Glycol mono-Ethyl Ether (Reag. USP, Ph. Eur.) PA	179
121344	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
121345	Heptane, alkanes mixture PA	203
121347	Hexane, alkanes mixture PA	208
121349	Hydrazinium Hydroxide 80% PA	211
121357	Iron(II) Oxalate 2-hydrate PA	231
121360	Iron(III) Sulphate x-hydrate ~75% PA	232
121371	Isatin (Reag. Ph. Eur.) PA	232
121372	Isoamyl Acetate PA	232
121373	Isobutyl Acetate (Reag. USP) PA	234
121374	Isopropyl Acetate PA	238
121407	Manganese(II) Acetate 4-hydrate PA	257
121428	Mercury(II) Iodide red PA	262
121441	Nickel(II) Acetate 4-hydrate PA	282
121443	Nickel(II) Chloride 6-hydrate PA	283
121444	Nickel(II) Nitrate 6-hydrate PA	283
121467	Lead(II) Hydroxideacetate PA	243
121470	Lead(II) Chloride PA	243
121471	Lead(II) Chromate PA	243
121476	Lead tetra-Oxide PA	244
121478	Lead(II) Sulphate PA	245
121479	Potassium Acetate PA	320
121480	Potassium Hydrogen Carbonate PA	330
121485	Potassium Hydrogen Sulphate PA	333
121486	Potassium Hydrogen Tartrate PA	333
121489	Potassium Bromide PA	322
121490	Potassium Carbonate PA	322
121492	tri-Potassium Citrate 1-hydrate PA	325
121497	Potassium Chromate PA	325
121509	Potassium di-Hydrogen Phosphate PA	332
121512	di-Potassium Hydrogen Phosphate anhydrous PA	331
121515	Potassium Hydroxide 85% pellets PA	334
121522	Potassium Disulphite PA	328
121525	Potassium Peroxodisulphate (Reag. Ph. Eur.) PA	342
121526	di-Potassium Oxalate 1-hydrate PA	340
121531	Potassium Sorbate PA	343
121534	Potassium Thiocyanate PA	345
121537	Potassium Tartrate 1/2-hydrate (Reag. Ph. Eur.) PA	344
121539	Potassium O-Ethyldithiocarbonate PA	328
121542	Potassium Iodide PA-ISO	338
121546	Bromocresol Purple PA	82
121548	m-Cresol Purple PA	132
121556	Acetic Acid 80% PA	21
121591	Resazurin PA	355
121593	Sodium Hydroxide solution 40% w/v PA	386
121594	Dimethylglyoxime di-Sodium Salt 8-hydrate PA	159
121603	Resorcinol PA	356
121604	Rhodamine B (C.I. 45170) PA	356
121605	Alizarin Red S (C.I. 58005) PA	32
121609	Chlorophenol Red PA	121
121611	Congo Red (C.I. 22120) PA	128
121613	Cresol Red PA	132
121619	Neutral Red (C.I. 50040) PA	282
121636	Sodium meta-Arsenite PA	365
121637	Sodium Benzoate PA	366
121639	Sodium Bismuthate (Reag. Ph. Eur.) PA	367
121646	Sodium Bromide PA	368
121653	Sodium di-Hydrogen Citrate PA	380
121654	di-Sodium Hydrogen Citrate 1 1/2-hydrate (Reag. Ph. Eur.) PA	379
121656	tri-Sodium Citrate 5,5-hydrate PA	373
121659	Sodium Chloride PA	371
121660	ortho-Phosphoric Acid 50% PA	314
121662	Neocuproin PA	282
121664	Sodium Chromate PA	373
121667	Sodium 5,5-Diethylbarbiturate (Reag. USP, Ph. Eur.) PA	375
121672	Sodium para-Periodate PA	394
121674	di-Sodium Phenyl Phosphate 2-hydrate PA	395
121677	Sodium di-Hydrogen Phosphate 2-hydrate PA	382
121705	Sodium Pentacyanonitrosoferrate(III) 2-hydrate PA	393
121708	Sodium Peroxide granulated PA	394
121710	tetra-Sodium Pyrophosphate 10-hydrate PA	396
121719	Sodium Tartrate 2-hydrate (Reag. Ph. Eur.) PA	400
121720	Sodium Tartrate anhydrous PA	400
121727	Ammonium Sodium Hydrogen Phosphate 4-hydrate (Reag. USP) PA	53
121728	Potassium Carbonate-Sodium Carbonate anhydrous PA	323
121737	Nitric Acid 53% PA	288
121738	Thymol (Reag. USP, Ph. Eur.) PA	444
121741	1,3-Diphenylthiourea PA	165
121744	o-Tolidine (Reag. USP, Ph. Eur.) PA	446
121747	Litmus soluble PA	249
121750	Triethanolamine PA	455
121784	Zinc Nitrate 6-hydrate PA	474
121788	Zinc Sulphate 1-hydrate PA	476
121793	Iron(II) Sulphate ~2-hydrate PA	231
121814	Orange II (C.I. 15510) PA	293
121828	Diphenylamine PA	164
121832	Fluorescein (C.I. 45350) PA	184
121859	Sodium Salicylate PA	397
121862	Petroleum Ether 50-70°C PA	306
121869	Ethylenediamine PA	177
121871	Sodium Hydrogen Tartrate 1-hydrate (Reag. USP) PA	383
121879	Sodium Thiosulphate anhydrous PA	401
121880	2,4-Pentanedione (Reag. USP, Ph. Eur.) PA	300
121892	1,2-Dichlorobenzene (Reag. USP, Ph. Eur.) PA	143
121925	Hydroxylammonium Sulphate PA	224
121937	Di-n-Butyl Phthalate (Reag. USP, Ph. Eur.) PA	142
121947	Silver Iodide PA	362
121955	o-Toluidine PA	448
122006	n-Pentane (Reag. USP, Ph. Eur.) PA	299

122018	Sodium di-Hydrogen Phosphate anhydrous PA	382
122021	2-Ethyl-1-Hexanol PA	181
122031	4-Nitrophenol PA	291
122032	Sodium Carbonate 1-hydrate PA	370
122036	Amido Black 10B (C.I. 20470) (Reag. Ph. Eur.) PA	37
122049	L-Tryptophan PA	460
122052	Sodium Succinate 6-hydrate PA	398
122053	Calcein PA	101
122054	N-Cetyl-N,N,N-Trimethylammonium Bromide PA	115
122058	1,3-Dinitrobenzene (Reag. USP, Ph. Eur.) PA	162
122062	n-Heptane PA	203
122065	Indole PA	226
122089	Bathophenanthroline PA	66
122090	Diacetylmonoxime PA	140
122099	Sodium Iodide 2-hydrate PA	390
122234	o-Toluidine stabilized PA	449
122295	Benzidine PA	68
122320	Periodic Acid PA	304
122325	2,4-Dinitrophenylhydrazine moistened with ~33% of H_2O (Reag. Ph. Eur.) PA	162
122328	Phenylhydrazinium Chloride PA	311
122329	Glycerol 87% PA	199
122333	di-Potassium Hydrogen Phosphate 3-hydrate PA	331
122338	Sodium Iodate PA	389
122353	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	310
122354	a-Benzoinoxime PA	70
122360	Magnesium Fluoride PA	252
122361	Magneson I PA	255
122365	Pyrocatechol (Reag. USP, Ph. Eur.) PA	354
122366	Thiosemicarbazide PA	443
122370	Arsenazo III (Reag. USP) PA	60
122376	Phenylhydrazine (Reag. USP) PA	311
122377	Piperidine (Reag. Ph. Eur.) PA	317
122389	Fluorescein Sodium (C.I. 45350) PA	184
122397	Calcium Carbonate precipitated, low content of alkalis PA	102
122433	Magnesium Bromide 6-hydrate PA	251
122442	1-Chloro-2,4-Dinitrobenzene PA	119
122443	2,4-Dinitrophenol moistened with ~33% of H_2O PA	162
122445	2-Chlorophenol PA	121
122448	Sulphuric Acid 25% PA	433
122470	Titan Yellow (C.I. 19540) PA	446
122507	di-Sodium Hydrogen Phosphate 2-hydrate PA	380
122509	Cesium Chloride (Reag. Ph. Eur.) PA	114
122593	Bromochlorophenol Blue PA	81
122595	Hydrazinium di-Chloride (Reag. USP) PA	211
122619	Alizarin-3-Methylamine-N,N-Diacetic Acid (Reag. Ph. Eur.) PA	32
122638	Bromopyrogallol Red PA	86
122639	Pyrogallol Red PA	354
122643	Pyrocatechol Violet PA	354
122644	o-Cresolphthalein PA	132
122645	2-Aminobenzoic Acid (Anthranilic Acid) (Reag. Ph. Eur.) PA	37
122666	Sodium Hydroxide solution 32% w/v PA	386
122667	Zincon PA	474
122669	Lanthanum(III) Nitrate 6-hydrate PA	242
122701	Petroleum Ether 60-80°C PA	306
122702	Petroleum Ether 65-95°C PA	307
122703	Acetic Acid 96% PA	21
122705	Lanthanum(III) Oxide (Reag. Ph. Eur.) PA	242
122706	O-Methylhydroxylammonium Chloride PA	272
122712	Sodium Azide (Reag. USP, Ph. Eur.) PA	366
122726	Copper(II) Sulphate anhydrous (Reag. USP) PA	131
122753	Nitroso R Salt PA	291
122764	Semicarbazide Hydrochloride PA	359
122767	o-Xylene (Reag. USP, Ph. Eur.) PA	470
122768	m-Xylene (Reag. Ph. Eur.) PA	471
122769	p-Xylene (Reag. USP) PA	471
122788	Lithium Perchlorate 3-hydrate PA	249
122823	Sulphanilamide (Reag. Ph. Eur.) PA	429
122840	Benzidinium di-Chloride PA	69
122842	4-Bromoaniline (Reag. USP) PA	80
122844	3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA	141
122847	Glyoxal-Bis (2-Hydroxyanil) (Reag. Ph. Eur.) PA	200
122848	Lanthanum(III) Chloride 7-hydrate PA	242
122849	Quinaldine Red PA	355
122855	1-Naphthol (Reag. USP, Ph. Eur.) PA	281
122902	Lithium Bromide PA	247
122903	di-Lithium tetra-Borate PA	247
122967	Sodium Hypochlorite solution (7±2% w/w as active chlorine) PA	389
123052	di-Sodium tetra-Borate anhydrous PA	367
123083	Benzethonium Chloride (Reag. Ph. Eur.) PA	68
123101	Trichloromethane stabilized with ~50 ppm of amylene PA	452
123137	Oxalic Acid Bis (Cyclohexylidene hydrazide) PA	295
123145	N,N-Dimethylacetamide (Reag. Ph. Eur.) PA	156
123163	Sulphuric Acid 98% (UNE-EN 899) PA	432
123205	Lithium meta-Borate anhydrous PA	247
123224	Manganese(II) Nitrate 4-hydrate PA	258
123226	Hydrindantine 2-hydrate PA	211
123246	Potassium Dichromate in tablets of 0,1g PA	328
123314	Sodium Borohydride (Reag. USP) PA	368
123376	Disulphine Blue (C.I. 42045) PA	165
123405	1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt PA	354
123410	White Spirit PA	468
123501	Isopentane PA	237
123542	Triethylamine (Reag. USP) PA	456
123575	Calconcarboxylic Acid (Reag. Ph. Eur.) PA	108
123577	1,5-Diphenylcarbazide PA	165
123581	Azomethine H (Reag. Ph. Eur.) PA	62
123582	Iron(II) Ethylenediammonium Sulphate 4-hydrate PA	230
123586	Potassium Hydroxide solution 40% w/w PA	335
123596	Orange G (C.I. 16230) PA	293
123605	3',3",5',5"-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA	438
123647	Thorin 8-hydrate PA	443
123654	Tris (Hydroxymethyl) Aminomethane Hydrochloride PA	460
123718	Ethyl Violet (C.I. 42600) PA	182
123851	2-Butanol (Reag. Ph. Eur.) PA	93
124253	Eriochromecyanine R (C.I. 43820) PA	168
124280	Nickel metal, balls (Reag. USP) PA	282
124343	1-Chlorobutane (Reag. USP) PA	119
124453	3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4', 4"-Disulphonic Acid Disodium Salt PA	353
124462	n-Pentane 95% PA	300
124468	Ethylene Glycol di-Methyl Ether PA	180
124537	Calcon (C.I. 15705) PA	108
124745	Diethylentriaminepentaacetic Acid PA	150
124746	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134
124809	Petroleum Ether 100-120°C PA	307
124842	Carmine hydrosoluble (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) PA	113
124850	Bromine Index AMCS solution PA	79
124856	Mixture TBN PA	278
124860	Mixture TAN PA	278
124886	Amaranth (C.I. 16185) (Reag. USP) PA	37
125027	Bromocresol Purple Sodium Salt PA	82
125261	Isohexane PA	234
125273	Isoparaffin G PA	237
125286	Petroleum Ether 190-250°C-Kerosene for analysis PA	307
125396	Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w PA	310
125397	Bromine Index AMPS solution PA	79
125415	Yellow Primary Solution (BP, Ph. Eur.) PA	472
125416	Red Primary Solution (BP, Ph. Eur.) PA	355
125417	Blue Primary Solution (BP, Ph. Eur.) PA	76
125427	Cadmium metal, thick powder (Reag. Ph. Eur.) PA	98
125436	Cation Exchange Resin Strongly Acidic PA	113
125491	Hexachloroplatinic(IV) Acid 6-hydrate solution 10% (3,8% Pt) PA	204
125507	Potassium Hexachloroplatinate(IV) (Reag. USP) PA	329
125535	Bromine Index AMDS solution PA	79
125565	Sodium Biphenyl, Reagent for organic halogens (Reag. USP) PA	367
125574	Phenol-1,2-Dichlorobenzene 50:50 w/w PA	309
125596	Boric Acid in tablets PA	77
125715	Amyl Alcohol according to NF V 04-210 PA	55
125731	Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA	244
126069	Holmium(III) Oxide (Reag. Ph. Eur.) PA	210
126150	Micropowder Wax (Licowax C®) PA	278
126352	Amido Black 10B Solution for the determination of protein content in milk PA	37
126946	Amyl Alcohol according to Van Gulik (ISO 3433:2008) PA	55
12C071	SPADNS PA	405
13 PA-ACS-ISO/PA-ACS/PA-ISO		
131007	Acetone (Reag. Ph. Eur.) PA-ACS-ISO	23
131008	Acetic Acid glacial (Reag. Ph. Eur.) PA-ACS-ISO	20
131013	L(+)-Ascorbic Acid PA-ACS	60
131014	Benzoic Acid PA-ACS	69
131015	Boric Acid PA-ACS-ISO	77
131017	Hydrobromic Acid 48% PA-ACS-ISO	212
131018	Citric Acid 1-hydrate PA-ACS-ISO	124
131020	Hydrochloric Acid 37% PA-ACS-ISO	214
131024	Chromotropic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	123
131026	Ethylenediaminetetraacetic Acid PA-ACS	177
131028	Hydrofluoric Acid 48% PA-ACS-ISO	219
131030	Formic Acid 98% PA-ACS	191
131031	Phosphomolybdic Acid x-hydrate PA-ACS	313
131032	ortho-Phosphoric Acid 85% PA-ACS-ISO	313
131035	Molybdic Acid (contains ammonium molybdate) PA-ACS	279
131037	Nitric Acid 69% PA-ACS-ISO	286
131041	Oxalic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	294
131045	Salicylic Acid PA-ACS	358
131050	Pyrogallic Acid (Reag. Ph. Eur.) PA-ACS	354
131054	Perchloric Acid 60% PA-ACS-ISO	303
131056	Sulphamic Acid (Reag. USP, Ph. Eur.) PA-ACS	429
131057	Sulphanilic Acid (Reag. Ph. Eur.) PA-ACS	430
131058	Sulphuric Acid 96% PA-ISO	432
131064	Sulphurous Acid solution 6% PA-ACS	435
131065	Tannic Acid PA-ACS	436
131066	L(+)-Tartaric Acid PA-ACS	436
131067	Trichloroacetic Acid (Reag. Ph. Eur.) PA-ACS	450
131074	Water PA-ACS	467
131077	Hydrogen Peroxide 33% w/v (110 vol.) PA-ACS-ISO	220
131079	3-Methyl-1-Butanol (Reag. Ph. Eur.) PA-ACS	269
131081	Benzyl Alcohol PA-ACS	71
131082	1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO	92
131085	Ethanol 96% v/v PA-ACS	172
131086	Ethanol absolute PA-ACS-ISO	170
131089	Isobutanol (Reag. Ph. Eur.) PA-ACS	233
131090	2-Propanol (Reag. Ph. Eur.) PA-ACS-ISO	349
131091	Methanol (Reag. Ph. Eur.) PA-ACS-ISO	266
131099	Aluminium Nitrate 9-hydrate (Reag. Ph. Eur.) PA-ACS	35
131101	Aluminium Sulphate 18-hydrate PA-ACS	36
131102	Aluminium Ammonium Sulphate 12-hydrate PA-ACS	34
131103	Aluminium Potassium Sulphate 12-hydrate PA-ACS	36
131114	Ammonium Acetate (Reag. Ph. Eur.) PA-ACS	43
131115	Ammonium Benzoate PA-ACS	44
131118	Ammonium Bromide PA-ACS	44
131119	Ammonium Carbonate (Reag. Ph. Eur.) PA-ACS	45
131120	di-Ammonium Hydrogen Citrate (Reag. Ph. Eur.) PA-ACS	48
131121	Ammonium Chloride PA-ACS-ISO	46
131125	Ammonium Dichromate moistened with 0,5 - 3,0% of H_2O PA-ACS	46
131126	Ammonium di-Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS	49
131127	di-Ammonium Hydrogen Phosphate (Reag. Ph. Eur) PA-ACS	48
131130	Ammonia 30% (as NH3) PA-ACS	40
131134	Ammonium Molybdate 4-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51
131136	di-Ammonium Oxalate 1-hydrate (Reag. Ph. Eur.) PA-ACS	52
131138	Ammonium Peroxodisulphate (Reag. Ph. Eur.) PA-ACS	52
131140	Ammonium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	53
131143	Ammonium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	54
131147	Acetic Anhydride (Reag. Ph. Eur.) PA-ACS-ISO	22
131154	di-Phosphorus penta-Oxide (Reag. Ph. Eur.) PA-ACS-ISO	315
131155	Phthalic Anhydride PA-ACS	316
131156	Aniline (Reag. Ph. Eur.) PA-ACS	56
131159	Potassium Antimony(III) Tartrate 3-hydrate PA-ACS	320
131165	Bromophenol Blue PA-ACS	86
131167	Bromothymol Blue PA-ACS	86
131173	Thymol Blue PA-ACS	444
131180	Barium Acetate PA-ACS	62
131181	Barium Carbonate (Reag. Ph. Eur.) PA-ACS	63
131182	Barium Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	63
131188	Barium Hydroxide 8-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	64
131190	Barium Nitrate PA-ACS	64
131192	Benzene (Reag. Ph. Eur.) PA-ACS-ISO	67
131196	Bismuth(III) Nitrate 5-hydrate PA-ACS	75
131199	Bromine (Reag. Ph. Eur.) PA-ACS-ISO	79
131202	n-Butyl Acetate (Reag. USP, Ph. Eur.) PA-ACS	95
131205	Cadmium Chloride 2,5-hydrate PA-ACS	99
131208	Cadmium Sulphate 8/3-hydrate PA-ACS	100
131231	Calcium Nitrate 4-hydrate PA-ACS	106
131232	Calcium Chloride 2-hydrate powder PA-ACS	103
131235	Calcium Sulphate 2-hydrate PA-ACS	108
131244	Carbon Disulphide PA-ACS	110
131245	Carbon Tetrachloride (ACS VIII, Reag. Ph. Eur.) (E.U.) PA-ACS-ISO	111
131250	Cyclohexane (Reag. Ph. Eur.) PA-ACS-ISO	135
131252	Trichloromethane stabilized with ethanol (Reag. Ph. Eur.) PA-ACS-ISO	453

131254	Dichloromethane stabilized with amylene PA-ACS-ISO	146
131255	Cobalt(II) Acetate 4-hydrate (Reag. USP) PA-ACS	125
131257	Cobalt(II) Chloride 6-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	126
131258	Cobalt(II) Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	126
131261	Copper(II) Acetate 1-hydrate (Reag. Ph. Eur.) PA-ACS	128
131264	Copper(II) Chloride 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	129
131265	Copper(I) Chloride PA-ACS	129
131267	Copper(II) Nitrate 3-hydrate (Reag. Ph. Eur.) PA-ACS	130
131270	Copper(II) Sulphate 5-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	131
131284	Chromium(III) Potassium Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	123
131286	1,2-Dichloroethane (Reag. Ph. Eur.) PA-ACS	144
131287	Diethanolamine PA-ACS	148
131288	Diethylamine (Reag. USP, Ph. Eur.) PA-ACS	148
131293	4-(Dimethylamino) Benzaldehyde (Reag. Ph. Eur.) PA-ACS	156
131295	Dimethylglyoxime (Reag. Ph. Eur.) PA-ACS	159
131296	1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	163
131299	Eosin Yellowish (C.I. 45380) PA-ACS	168
131303	Tin(II) Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS	444
131310	Strontium Nitrate PA-ACS	428
131314	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PA-ACS	154
131315	Petroleum Ether 40-60°C PA-ACS-ISO	305
131318	Ethyl Acetate (Reag. Ph. Eur.) PA-ACS-ISO	175
131321	1,10-Phenanthroline 1-hydrate PA-ACS	308
131322	Phenol PA-ACS	308
131325	Phenolphthalein (Reag. Ph. Eur.) PA-ACS	309
131328	Formaldehyde 37-38% w/w stabilized with methanol PA-ACS	190
131334	Furfural stabilized with ~0,1% of BHT (Reag. USP, Ph. Eur.) PA-ACS	194
131335	Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS	360
131339	Glycerol PA-ACS-ISO	198
131340	Glycine (Reag. USP) PA-ACS	199
131341	D(+)-Glucose anhydrous PA-ACS	196
131346	Hexamethylenetetramine (Reag. Ph. Eur.) PA-ACS	205
131350	Hydrazinium Sulphate PA-ACS	211
131352	8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS	225
131362	Iron(II) Sulphate 7-hydrate PA-ACS	231
131365	Ammonium Iron(III) Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51
131368	Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO	50
131375	Lactose 1-hydrate (Reag. USP) PA-ACS	241
131391	Lithium Carbonate (Reag. Ph. Eur.) PA-ACS	247
131392	Lithium Chloride (Reag. USP, Ph. Eur.) PA-ACS	248
131393	Lithium Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	249
131394	Magnesium Acetate 4-hydrate (Reag. Ph. Eur.) PA-ACS	250
131396	Magnesium Chloride 6-hydrate PA-ACS-ISO	251
131402	Magnesium Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	253
131404	Magnesium Sulphate 7-hydrate PA-ACS	254
131410	Manganese(II) Chloride 4-hydrate PA-ACS	257
131413	Manganese(II) Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	258
131417	Mercury(II) Acetate (Reag. Ph. Eur.) PA-ACS	261
131418	Mercury(II) Bromide (Reag. Ph. Eur.) PA-ACS	261
131419	Mercury(II) Chloride PA-ACS	261
131421	Mercury metal tridistilled (Reag. Ph. Eur.) PA-ACS	260
131423	Mercury(I) Nitrate 2-hydrate (ACS IX) PA-ACS	262
131426	Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS	263
131428	Mercury(II) Iodide red (Reag. Ph. Eur.) PA-ACS	262
131429	Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) PA-ACS	94
131430	4-Methyl-2-Pentanone (Reag. Ph. Eur.) PA-ACS	274
131431	Methyl Orange (C.I. 13025) PA-ACS	273
131435	Morpholine (Reag. Ph. Eur.) PA-ACS	279
131436	Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS	280
131439	Eriochrome Black T (C.I. 14645) PA-ACS	168
131445	Nickel(II) Sulphate 6-hydrate PA-ACS	284
131447	Nitrobenzene (Reag. Ph. Eur.) PA-ACS	289
131457	Pyridine (Reag. Ph. Eur.) PA-ACS	352
131459	Silver Nitrate PA-ACS-ISO	362
131466	Lead(II) Acetate 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	242
131467	Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS	243
131469	Lead(II) Hydroxide Carbonate PA-ACS	244
131473	Lead(II) Nitrate (Reag. Ph. Eur.) PA-ACS	244
131479	Potassium Acetate PA-ACS	320
131481	Potassium Hydrogen Phthalate PA-ISO	333
131487	Potassium Bromate (Reag. Ph. Eur.) PA-ACS-ISO	321
131489	Potassium Bromide PA-ACS	322
131490	Potassium Carbonate (Reag. Ph. Eur.) PA-ACS-ISO	322
131491	Potassium Cyanide (Reag. Ph. Eur.) PA-ACS-ISO	326
131493	Potassium Chlorate (Reag. Ph. Eur.) PA-ACS	323
131494	Potassium Chloride PA-ACS-ISO	324
131497	Potassium Chromate (max. 0,02% Na) (Reag. Ph. Eur.) PA-ACS	325
131500	Potassium Dichromate PA-ACS-ISO	327
131503	Potassium Hexacyanoferrate(III) (Reag. Ph. Eur.) PA-ACS	329
131505	Potassium Hexacyanoferrate(II) 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	329
131509	Potassium di-Hydrogen Phosphate PA-ACS	332
131512	di-Potassium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	331
131515	Potassium Hydroxide 85% pellets PA-ACS-ISO	334
131523	Potassium meta-Periodate (Reag. Ph. Eur.) PA-ACS	341
131524	Potassium Nitrate without anticaking (Reag. Ph. Eur.) PA-ISO	338
131526	di-Potassium Oxalate 1-hydrate PA-ACS	340
131527	Potassium Permanganate PA-ACS	341
131532	Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	344
131534	Potassium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	344
131540	Potassium Iodate (Reag. Ph. Eur.) PA-ACS	337
131542	Potassium Iodide PA-ACS-ISO	337
131615	Phenol Red PA-ACS	309
131617	Methyl Red (C.I. 13020) PA-ACS	276
131621	Saccharose PA-ACS	357
131632	Sodium Acetate 3-hydrate PA-ACS-ISO	365
131633	Sodium Acetate anhydrous (Reag. Ph. Eur.) PA-ACS	364
131635	di-Sodium Hydrogen Arsenate 7-hydrate (Reag. Ph. Eur.) PA-ACS	378
131638	Sodium Hydrogen Carbonate PA-ACS-ISO	379
131644	di-Sodium tetra-Borate 10-hydrate PA-ACS-ISO	367
131646	Sodium Bromide (Reag. USP) PA-ACS	368
131647	Sodium Carbonate 10-hydrate PA-ISO	370
131648	Sodium Carbonate anhydrous (Reag. Ph. Eur.) PA-ACS-ISO	369
131652	Sodium Cyanide PA-ACS	374
131655	tri-Sodium Citrate 2-hydrate PA-ACS	373
131658	Sodium Chlorate PA-ACS	371
131659	Sodium Chloride PA-ACS-ISO	371
131663	Sodium Hexanitrocobaltate(III) PA-ACS	378
131666	Sodium Dichromate 2-hydrate (Reag. USP) PA-ACS	374
131668	Sodium Diethyldithiocarbamate 3-hydrate (Reag. Ph. Eur.) PA-ACS	375
131669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	178
131675	Sodium Fluoride PA-ACS-ISO	377
131676	Sodium Formate (Reag. Ph. Eur.) PA-ACS	377
131678	di-Sodium Hydrogen Phosphate 12-hydrate PA-ISO	381
131679	di-Sodium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	380
131680	tri-Sodium Phosphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	395
131687	Sodium Hydroxide pellets PA-ACS-ISO	384
131698	Sodium Disulphite PA-ACS	375
131699	Sodium metal, sticks (Reag. Ph. Eur.) PA-ACS	364
131700	Sodium meta-Periodate (Reag. Ph. Eur.) PA-ACS	394
131701	Sodium Molybdate 2-hydrate (Reag. Ph. Eur.) PA-ACS	391
131702	Sodium Nitrate (Reag. Ph. Eur.) PA-ACS-ISO	392
131703	Sodium Nitrite (Reag. Ph. Eur.) PA-ACS	392
131705	Sodium Pentacyanonitrosoferrate(III) 2-hydrate (Reag. Ph. Eur.) PA-ACS	393
131706	di-Sodium Oxalate (Reag. USP, Ph. Eur.) PA-ACS	393
131708	Sodium Peroxide granulated PA-ACS	394
131715	Sodium Sulphate 10-hydrate (Reag. USP) PA-ACS	399
131716	Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO	398
131717	Sodium Sulphite anhydrous PA-ACS	400
131718	Sodium Thiocyanate PA-ACS	401
131721	Sodium Thiosulphate 5-hydrate PA-ACS	401
131724	Sodium Tungstate 2-hydrate (Reag. Ph. Eur.) PA-ACS	402
131726	Sodium Iodide PA-ACS	390
131729	Potassium Sodium Tartrate 4-hydrate PA-ACS-ISO	343
131739	Thymolphthalein PA-ACS	444
131743	Thiourea (Reag. Ph. Eur.) PA-ACS	443
131745	Toluene (Reag. Ph. Eur.) PA-ACS-ISO	447
131749	Trichloroethylene, stabilized with ethanol (Reag. Ph. Eur.) PA-ACS	451
131753	Uranyl Nitrate 6-hydrate PA-ACS	463
131754	Urea crystal PA-ACS	463
131759	Bromocresol Green PA-ACS	82
131762	Crystal Violet (C.I. 42555) PA-ACS	133
131769	Xylene, mixture of isomers (Reag. Ph. Eur.) PA-ACS-ISO	469
131771	Iodine resublimed pearls PA-ACS	227
131775	Zinc Acetate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	473
131779	Zinc Chloride PA-ACS	473
131785	N,N-Dimethylformamide (Reag. Ph. Eur.) PA-ACS-ISO	158
131786	Zinc Oxide PA-ACS	475
131787	Zinc Sulphate 7-hydrate PA-ACS	476
131791	Dithizone (Reag. Ph. Eur.) PA-ACS	165
131798	4-Methylaminophenol Sulphate PA-ACS	268
131801	Silver Sulphate PA-ACS	363
131808	Citric Acid anhydrous PA-ACS	124
131810	Propionic Acid (Reag. Ph. Eur.) PA-ACS	350
131813	Ammonium Iodide PA-ACS	49
131827	Cupferron (ACS IX) PA-ACS	133
131828	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
131855	Potassium Nitrite PA-ACS	339
131856	Potassium Perchlorate PA-ACS	340
131877	1-Dodecanol (Reag. USP) PA-ACS	166
131881	Acetonitrile (Reag. Ph. Eur.) PA-ACS	26
131883	Succinic Acid (Reag. USP, Ph. Eur.) PA-ACS	428
131884	1-Pentanol (Reag. Ph. Eur.) PA-ACS	301
131885	1-Propanol (Reag. USP, Ph. Eur.) PA-ACS	347
131890	Cyclohexanone PA-ACS	136
131897	Ethylene Glycol mono-Methyl Ether PA-ACS	180
131903	2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS	275
131914	Hydroxylammonium Chloride (Reag. Ph. Eur.) PA-ACS-ISO	223
131924	Ethanolamine PA-ACS	174
131928	Lithium Hydroxide 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS	248
131940	Tris (Hydroxymethyl) Aminomethane PA-ACS	459
131953	Chlorobenzene (Reag. USP) PA-ACS	117
131954	Dimethyl Sulphoxide (Reag. Ph. Eur.) PA-ACS	161
131956	Formamide PA-ACS	191
131965	Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	382
131970	Nitromethane (Reag. USP, Ph. Eur.) PA-ACS	290
132056	2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	148
132063	n-Hexane (Reag. USP, Ph. Eur.) PA-ACS	206
132064	Isooctane (Reag. Ph. Eur.) PA-ACS	236
132067	D(-)-Mannitol PA-ACS	259
132071	4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS	353
132096	Acetyl Chloride (Reag. USP, Ph. Eur.) PA-ACS	28
132166	Mercury(II) Sulphate PA-ACS	263
132175	Perchloric Acid 70% PA-ACS-ISO	303
132176	Hydrochloric Acid 32% PA-ISO	216
132213	Hydriodic Acid 57% PA-ACS	212
132228	1,5-Diphenylcarbazone (contains diphenylcarbazide) (Reag. Ph. Eur.) PA-ACS	165
132320	Periodic Acid (Reag. USP, Ph. Eur.) PA-ACS	304
132323	Chloramine T 3-hydrate (Reag. USP) PA-ACS	116
132346	Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS	289
132351	Ammonium Fluoride PA-ACS	47
132352	Ammonium meta-Vanadate (Reag. USP, Ph. Eur.) PA-ACS	55
132362	Ninhydrin PA-ACS	284
132363	Sodium Dodecyl Sulphate PA-ACS	376
132371	2,2'-Bipyridine (Reag. USP) PA-ISO	73
132382	Silver Diethyldithiocarbamate (Reag. USP, Ph. Eur.) PA-ACS	362
132397	Calcium Carbonate precipitated, low content of alkalis PA-ACS-ISO	102
132440	Sodium tetra-Phenylborate (Reag. Ph. Eur.) PA-ACS	395
132441	Anthrone (Reag. Ph. Eur.) PA-ACS	57
132536	Imidazole (Reag. USP, Ph. Eur.) PA-ACS	225
132617	Xylenol Orange Tetrasodium Salt PA-ACS	472
132618	Methylthymol Blue Sodium Salt PA-ACS	277
132637	Phthalein Purple PA-ACS	315
132656	di-Sodium Hydrogen Phosphate 7-hydrate PA-ACS	381

132670	1-Amino-2-Naphthol-4-Sulphonic Acid (Reag. USP) PA-ACS	39
132720	Benzoyl Chloride (Reag. Ph. Eur.) PA-ACS	71
132748	Ammonium Cerium(IV) Sulphate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	45
132750	Ammonium Sulphamate (Reag. Ph. Eur.) PA-ACS	53
132751	N-(1-Naphthyl) Ethylenediamine Dihydrochloride PA-ACS	281
132770	Diethyl Ether stabilized with ~6 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	151
132830	Gallic Acid 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS	194
132838	5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS	430
132845	4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS	310
132848	Lanthanum(III) Chloride 7-hydrate PA-ACS	241
132901	Osmium(VIII) Oxide PA-ACS	294
132921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS	360
133066	Naphthol Green B (C.I. 10020) PA-ACS	281
133070	Hydrofluoric Acid 40% PA-ISO	219
133080	1-Methyl-2-Pyrrolidone PA-ACS	276
133101	Trichloromethane stabilized with ~50 ppm of amylene (Reag. USP, Ph. Eur.) PA-ACS	452
133234	Methyl Red Sodium Salt (C.I. 13020) PA-ACS	276
133242	n-Hexane 95% PA-ACS	207
133255	Nitric Acid 65% PA-ISO	287
133266	1,1,2-Trichlorotrifluoroethane (ACS IX, Reag. USP, Ph. Eur.) (E.U.) PA-ACS	455
133312	tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) PA-ACS	97
133331	Phenol Red Sodium Salt PA-ACS	310
133378	Hydrochloric Acid 25% PA-ISO	216
133386	1-Octanol (Reag. USP) PA-ACS	292
133534	1,2-Diaminocyclohexane-N,N,N',N',-Tetraacetic Acid 1-hydrate (Reag. Ph. Eur.) PA-ACS	141
133537	Tetrahydrofuran stabilized with ~300 ppm of BHT PA-ACS	440
133577	1,5-Diphenylcarbazide (symmetrical) (Reag. Ph. Eur.) PA-ACS	164
133606	2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS	145
134220	Reinecke Salt (Reag. USP, Ph. Eur.) PA-ACS	355
134387	Sodium Perchlorate 1-hydrate (Reag. USP) PA-ACS	394
134432	Tetrachloroauric Acid(III) 3-hydrate PA-ACS	439
134433	Hexachloroplatinic(IV) Acid 6-hydrate (Reag. Ph. Eur.) PA-ACS	204
134758	Ammonium Cerium(IV) Nitrate (Reag. Ph. Eur.) PA-ACS	45
134852	Phenol crystallized (detached crystals) PA-ACS	308
134887	Thioacetamide (Reag. Ph. Eur.) PA-ACS	442
135212	Xylene, mixture of isomers, low in ethylbenzene (max. 4%) PA-ACS-ISO	470
135279	Sodium Methylate 0,5 mol/l methanolic PA-ACS	391
135324	meta-Phosphoric Acid stabilized with NaPO3 (Reag. Ph. Eur.) PA-ACS	314
135571	Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS	360
136064	Magnesium Perchlorate hydrate (desiccant) PA-ACS	253

14 PRS/PRS-CODEX

141003	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
141004	Acetamide PRS	18
141005	Acetanilide PRS	18
141007	Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX	24
141008	Acetic Acid glacial (RFE, USP, BP, Ph. Eur.) PRS-CODEX	20
141012	Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	28
141013	L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	61
141014	Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	69
141015	Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	77
141017	Hydrobromic Acid 48% PRS	212
141018	Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	125
141020	Hydrochloric Acid 37% (RFE, BP, Ph. Eur.) PRS-CODEX	214
141025	5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.) PRS-CODEX	149
141026	Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX	177
141029	Formic Acid 85% PRS	192
141030	Formic Acid 98% PRS	192
141032	ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	314
141034	L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	240
141035	Molybdic Acid (contains ammonium molybdate) PRS	279
141037	Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX	287
141041	Oxalic Acid 2-hydrate PRS	294
141044	Perchloric Acid 20% PRS	303
141045	Salicylic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	358
141048	Picric Acid moistened with ~33% of H_2O (Reag. Ph. Eur.) PRS	316
141053	Rubeanic Acid PRS	357
141054	Perchloric Acid 60% PRS	303
141055	Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	403
141057	Sulphanilic Acid PRS	430
141058	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432
141065	Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	436
141066	L(+)-Tartaric Acid PRS	437
141067	Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX	450
141068	Uric Acid PRS	464
141074	Water (BP, Ph. Eur.) PRS-CODEX	467
141076	Hydrogen Peroxide 30% w/v (100 vol.) stabilized PRS	221
141077	Hydrogen Peroxide 33% w/v (110 vol.) stabilized (RFE, USP, BP, Ph. Eur.) PRS-CODEX	220
141079	3-Methyl-1-Butanol PRS	270
141081	Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	72
141082	1-Butanol (USP-NF) PRS-CODEX	92
141083	4-Hydroxy-4-Methyl-2-Pentanone PRS	224
141085	Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX	172
141086	Ethanol absolute PRS	170
141089	Isobutanol PRS	233
141090	2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	349
141091	Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX	266
141097	Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	35
141098	Aluminium metal, powder PRS	34
141099	Aluminium Nitrate 9-hydrate PRS	35
141101	Aluminium Sulphate 18-hydrate PRS	36
141102	Aluminium Ammonium Sulphate 12-hydrate (USP) PRS-CODEX	34
141103	Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	36
141114	Ammonium Acetate PRS	44
141115	Ammonium Benzoate PRS	44
141116	Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX	47
141117	Ammonium Hydrogen Sulphate PRS	49
141118	Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX	44
141119	Ammonium Carbonate (USP-NF) PRS-CODEX	45
141120	di-Ammonium Hydrogen Citrate PRS	48
141121	Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	46
141124	Ammonium Chromate PRS	46
141125	Ammonium Dichromate moistened with 0,5-3,0% of H_2O PRS	47
141126	Ammonium di-Hydrogen Phosphate PRS	49
141127	di-Ammonium Hydrogen Phosphate (USP) PRS-CODEX	48
141128	Ammonia 20% (as NH3) PRS	43
141129	Ammonia 25% (as NH3) (BP, Ph. Eur.) PRS-CODEX	41
141130	Ammonia 30% (as NH3) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	40
141134	Ammonium Molybdate 4-hydrate (USP) PRS-CODEX	51
141136	di-Ammonium Oxalate 1-hydrate PRS	52
141137	Ammonium Perchlorate PRS	52
141138	Ammonium Peroxodisulphate PRS	52
141139	Ammonium Polysulphide solution 25% w/w PRS	53
141140	Ammonium Sulphate PRS	53
141143	Ammonium Thiocyanate PRS	54
141145	Ammonium Sulphide solution 10% w/v PRS	54
141146	di-Ammonium Tartrate PRS	54
141147	Acetic Anhydride PRS	22
141151	Arsenic(III) Oxide PRS	60
141154	di-Phosphorus penta-Oxide PRS	315
141156	Aniline PRS	56
141159	Potassium Antimony(III) Tartrate 3-hydrate PRS	320
141163	Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX	430
141164	Sulphur sublimated (USP) PRS-CODEX	430
141180	Barium Acetate PRS	62
141181	Barium Carbonate PRS	63
141182	Barium Chloride 2-hydrate PRS	63
141187	Barium Chromate (C.I. 77103) PRS	64
141188	Barium Hydroxide 8-hydrate PRS	64
141190	Barium Nitrate PRS	65
141191	Barium Sulphate PRS	65
141192	Benzene PRS	67
141194	2-Naphthol PRS	281
141195	Bismuth(III) Hydroxide Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	74
141196	Bismuth(III) Nitrate 5-hydrate PRS	75
141197	Bismuth(III) Hydroxide Nitrate (USP, DAB) PRS-CODEX	74
141198	Potassium Boron Tartrate PRS	321
141199	Bromine PRS	79
141201	Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX	84
141202	n-Butyl Acetate PRS	95
141203	Cadmium Acetate 2-hydrate PRS	99
141205	Cadmium Chloride 2,5-hydrate PRS	99
141206	Cadmium metal, sheets PRS	98
141207	Cadmium Nitrate 4-hydrate PRS	100
141208	Cadmium Sulphate 8/3-hydrate PRS	100
141209	Cadmium Iodide PRS	99
141211	Calcium Acetate x-hydrate (USP) PRS-CODEX	101
141212	Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX	102
141214	Calcium Chloride 6-hydrate PRS	104
141224	Calcium Formate PRS	105
141225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PRS	102
141226	Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
141227	Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
141228	tri-Calcium Phosphate (RFE, BP, Ph. Eur.) PRS-CODEX	107
141230	Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	106
141231	Calcium Nitrate 4-hydrate PRS	107
141232	Calcium Chloride 2-hydrate powder PRS	103
141233	Calcium Oxalate 1-hydrate PRS	107
141235	Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
141244	Carbon Disulphide PRS	110
141245	Carbon Tetrachloride (E.U.) PRS	111
141247	Cerium(IV) Oxide PRS	114
141248	Cerium(IV) Sulphate 4-hydrate PRS	114
141250	Cyclohexane PRS	135
141252	Trichloromethane stabilized with ethanol PRS	454
141254	Dichloromethane stabilized with amylene (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	146
141255	Cobalt(II) Acetate 4-hydrate PRS	125
141256	Cobalt(II) Hydroxide Carbonate ~50% Co PRS	126
141257	Cobalt(II) Chloride 6-hydrate PRS	126
141258	Cobalt(II) Nitrate 6-hydrate PRS	126
141259	Cobalt(II) Sulphate 7-hydrate PRS	127
141260	Cyclohexanol PRS	136
141261	Copper(II) Acetate 1-hydrate PRS	128
141262	Copper(II) Hydroxide Carbonate PRS	130
141263	Copper(I) Cyanide PRS	129
141264	Copper(II) Chloride 2-hydrate (USP) PRS-CODEX	129
141266	Copper metal, powder PRS	128
141267	Copper(II) Nitrate 3-hydrate PRS	130
141269	Copper(II) Oxide PRS	130
141270	Copper(II) Sulphate 5-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	131
141275	Chromium(III) Nitrate 9-hydrate PRS	122
141276	Magnesium Oxide light (RFE, BP, Ph. Eur.) PRS-CODEX	253
141278	Collodion solution 4% w/v (USP) PRS-CODEX	127
141284	Chromium(III) Potassium Sulphate 12-hydrate PRS	123
141286	1,2-Dichloroethane PRS	145
141290	Di-Isobutylketone PRS	154
141296	1,4-Dioxan stabilized with ~25 ppm of BHT PRS	164
141297	Iron(III) Nitrate 9-hydrate PRS	230
141302	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol (BP) PRS-CODEX	461
141303	Tin(II) Chloride 2-hydrate PRS	445
141305	Tin(IV) Oxide PRS	445
141306	Strontium Carbonate PRS	427
141307	Strontium Chloride 6-hydrate PRS	427
141309	Strontium Hydroxide 8-hydrate PRS	427
141310	Strontium Nitrate PRS	428
141311	Strontium Oxalate 1-hydrate PRS	428
141312	Strontium Sulphate PRS	428
141314	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PRS	155
141315	Petroleum Ether 40-60°C PRS	306
141316	Ethylene Glycol PRS	179
141317	Ethylene Glycol mono-Ethyl Ether PRS	180
141318	Ethyl Acetate PRS	175
141319	Ethyl (S)-(-)-Lactate PRS	181
141323	Phenol 90% aqueous solution (USP) PRS-CODEX	308
141325	Phenolphthalein (BP, Ph. Eur.) PRS-CODEX	309
141328	Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	190
141329	Phosphorus red PRS	315
141339	Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	198

141340	Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	200
141341	D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	196
141343	L-Glutamine (USP) PRS-CODEX	197
141345	Heptane, alkanes mixture PRS	203
141346	Hexamethylenetetramine PRS	205
141347	Hexane, alkanes mixture PRS	208
141348	2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX	274
141351	Hydroquinone (USP) PRS-CODEX	222
141354	tri-Magnesium di-Citrate 9-hydrate PRS	252
141357	Iron(II) Oxalate 2-hydrate PRS	231
141358	Iron(III) Chloride 6-hydrate PRS	230
141360	Iron(III) Sulphate x-hydrate ~75% PRS	232
141362	Iron(II) Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	231
141363	Iron(II) Sulphide cylinders PRS	232
141364	Ammonium Iron(III) Oxalate 3-hydrate PRS	50
141365	Ammonium Iron(III) Sulphate 12-hydrate PRS	51
141368	Ammonium Iron(II) Sulphate 6-hydrate PRS	50
141372	Isoamyl Acetate PRS	232
141374	Isopropyl Acetate PRS	238
141375	Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	241
141391	Lithium Carbonate PRS	247
141392	Lithium Chloride PRS	248
141393	Lithium Sulphate 1-hydrate PRS	249
141394	Magnesium Acetate 4-hydrate PRS	251
141396	Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	251
141399	tri-Magnesium di-Phosphate 5-hydrate PRS	253
141400	Magnesium metal, powder PRS	250
141401	Magnesium Molybdate 5-hydrate PRS	253
141402	Magnesium Nitrate 6-hydrate PRS	253
141404	Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	254
141407	Manganese(II) Acetate 4-hydrate PRS	257
141409	Manganese(II) Carbonate x-hydrate PRS	257
141410	Manganese(II) Chloride 4-hydrate PRS	257
141412	Manganese(II) Lactate 3-hydrate PRS	258
141413	Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX	258
141417	Mercury(II) Acetate PRS	261
141418	Mercury(II) Bromide PRS	261
141419	Mercury(II) Chloride PRS	261
141421	Mercury metal PRS	260
141423	Mercury(I) Nitrate 2-hydrate PRS	262
141426	Mercury(II) Oxide yellow PRS	263
141427	Mercury(II) Oxide red PRS	263
141429	Butanone (Methylethylketone) PRS	94
141430	4-Methyl-2-Pentanone (USP-NF) PRS-CODEX	274
141438	Naphthalene PRS	280
141441	Nickel(II) Acetate 4-hydrate PRS	283
141442	Nickel(II) Hydroxide Carbonate x-hydrate PRS	283
141443	Nickel(II) Chloride 6-hydrate PRS	283
141444	Nickel(II) Nitrate 6-hydrate PRS	283
141445	Nickel(II) Sulphate 6-hydrate PRS	284
141448	Gold(III) Chloride-Sodium Chloride ~49% Au PRS	200
141451	Paraformaldehyde (DAC) PRS-CODEX	297
141453	Piperazine 6-hydrate PRS	316
141455	Tetrachloroethylene PRS	439
141457	Pyridine PRS	352
141459	Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX	362
141466	Lead(II) Acetate 3-hydrate PRS	243
141468	Lead(IV) Oxide PRS	244
141469	Lead(II) Hydroxide Carbonate PRS	244
141470	Lead(II) Chloride PRS	243
141473	Lead(II) Nitrate PRS	244
141475	Lead(II) Oxide (DAC) PRS-CODEX	244
141477	Lead(II) Hydroxideacetate solution PRS	243
141478	Lead(II) Sulphate PRS	245
141479	Potassium Acetate (RFE, BP, Ph. Eur.) PRS-CODEX	320
141480	Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	330
141481	Potassium Hydrogen Phthalate PRS	333
141484	Potassium Hydrogen Oxalate PRS	331
141485	Potassium Hydrogen Sulphate PRS	333
141486	Potassium Hydrogen Tartrate PRS	334
141487	Potassium Bromate PRS	321
141489	Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	322
141490	Potassium Carbonate PRS	322
141491	Potassium Cyanide PRS	326
141492	tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	326
141493	Potassium Chlorate (Ph. Helv.) PRS-CODEX	323
141494	Potassium Chloride PRS	324
141497	Potassium Chromate PRS	325
141500	Potassium Dichromate PRS	327
141503	Potassium Hexacyanoferrate(III) PRS	329
141505	Potassium Hexacyanoferrate(II) 3-hydrate PRS	329
141508	Potassium Formate PRS	329
141509	Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	332
141512	di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	331
141513	tri-Potassium Phosphate 1,5-hydrate PRS	342
141515	Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX	334
141522	Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRS-CODEX	328
141523	Potassium meta-Periodate PRS	341
141524	Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX	339
141525	Potassium Peroxodisulphate PRS	342
141526	di-Potassium Oxalate 1-hydrate PRS	340
141527	Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	341
141531	Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	343
141532	Potassium Sulphate PRS	344
141534	Potassium Thiocyanate PRS	345
141537	Potassium Tartrate 1/2-hydrate PRS	344
141538	Potassium tetra-Oxalate 2-hydrate PRS	340
141540	Potassium Iodate PRS	337
141542	Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	338
141545	1,2-Propanediol (RFE, USP, BP, Ph.Eur., JP) PRS-CODEX	346
141571	Sodium Hydroxide solution 50% w/v PRS	385
141603	Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	356
141621	Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX	357
141624	Salicylamide (USP) PRS-CODEX	358
141625	Selenium metal powder PRS	359
141632	Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	365
141633	Sodium Acetate anhydrous (USP) PRS-CODEX	364
141635	di-Sodium Hydrogen Arsenate 7-hydrate PRS	379
141636	Sodium meta-Arsenite PRS	366
141637	Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	366
141638	Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	379
141640	Sodium Hydrogen Sulphate anhydrous PRS	383
141643	Sodium Hydrogen Tartrate anhydrous PRS	383
141644	di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	368
141645	Sodium Bromate PRS	368
141646	Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	369
141647	Sodium Carbonate 10-hydrate PRS	370
141648	Sodium Carbonate anhydrous (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	369
141652	Sodium Cyanide PRS	374
141653	Sodium di-Hydrogen Citrate PRS	380
141654	di-Sodium Hydrogen Citrate 1 1/2-hydrate PRS	379
141655	tri-Sodium Citrate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	373
141656	tri-Sodium Citrate 5,5-hydrate PRS	374
141658	Sodium Chlorate PRS	371
141659	Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	372
141665	Sodium Hydrogen di-Acetate PRS	378
141666	Sodium Dichromate 2-hydrate PRS	374
141667	Sodium 5,5-Diethylbarbiturate (Ph. Helv.) PRS-CODEX	375
141669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	178
141673	Magnesium Sulphate 65% dry, powder (BP) PRS-CODEX	255
141675	Sodium Fluoride (USP) PRS-CODEX	377
141676	Sodium Formate PRS	377
141677	Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	382
141678	di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	381
141679	di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX	380
141680	tri-Sodium Phosphate 12-hydrate PRS	395
141681	tri-Sodium Phosphate 1-hydrate PRS	395
141683	Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX	378
141684	Sodium Polyphosphate PRS	396
141686	Sodium Hydroxide flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384
141687	Sodium Hydroxide pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384
141697	Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX	396
141698	Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	375
141699	Sodium metal, sticks PRS	364
141701	Sodium Molybdate 2-hydrate (BP, Ph. Eur.) PRS-CODEX	391
141702	Sodium Nitrate PRS	392
141703	Sodium Nitrite (USP) PRS-CODEX	392
141706	di-Sodium Oxalate PRS	393
141709	di-Sodium di-Hydrogen Pyrophosphate PRS	383
141710	tetra-Sodium Pyrophosphate 10-hydrate PRS	397
141711	tetra-Sodium Pyrophosphate anhydrous PRS	396
141715	Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399
141716	Sodium Sulphate anhydrous PRS	399
141717	Sodium Sulphite anhydrous PRS	400
141718	Sodium Thiocyanate PRS	401
141719	Sodium Tartrate 2-hydrate PRS	401
141721	Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	402
141724	Sodium Tungstate 2-hydrate PRS	403
141726	Sodium Iodide PRS	390
141729	Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX	343
141733	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436
141735	1,1,2,2-Tetrabromoethane PRS	438
141738	Thymol PRS	444
141743	Thiourea PRS	443
141745	Toluene PRS	448
141749	Trichloroethylene, stabilized with ethanol PRS	451
141750	Triethanolamine (USP-NF) PRS-CODEX	456
141756	Urea Nitrate moistened with ~20% of H_2O PRS	464
141769	Xylene, mixture of isomers PRS	469
141770	Iodine mono-Bromide PRS	228
141771	Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX	227
141775	Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	473
141778	Zinc Cyanide PRS	474
141779	Zinc Chloride PRS	474
141781	Zinc Phenolsulphonate 8-hydrate PRS	475
141783	Zinc metal, powder PRS	473
141784	Zinc Nitrate 6-hydrate PRS	474
141785	N,N-Dimethylformamide PRS	159
141786	Zinc Oxide PRS	475
141787	Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	476
141788	Zinc Sulphate 1-hydrate (USP, Ph.Eur., BP) PRS-CODEX	476
141792	Agar (USP) PRS-CODEX	31
141796	Magnesium Trisilicate x-hydrate (USP) PRS-CODEX	255
141797	Maltose 1-hydrate PRS	256
141798	4-Methylaminophenol Sulphate PRS	269
141800	Silver Carbonate PRS	361
141801	Silver Sulphate PRS	363
141802	Silver Chloride PRS	361
141808	Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	124
141811	mono-Chloroacetic Acid PRS	116
141812	Aluminium Hydroxide PRS	35
141818	Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
141840	Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX	252
141851	Silver Acetate PRS	361
141855	Potassium Nitrite PRS	339
141856	Potassium Perchlorate (DAC) PRS-CODEX	340
141859	Sodium Salicylate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	397
141862	Petroleum Ether 50-70°C PRS	306
141868	Iron(II) Chloride 4-hydrate PRS	230
141871	Sodium Hydrogen Tartrate 1-hydrate PRS	384
141878	Magnesium Sulphate 75% extradry, powder PRS	254
141882	Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	255
141884	1-Pentanol PRS	301
141885	1-Propanol (BP, Ph. Eur.) PRS-CODEX	347
141888	Ethylene Glycol mono-Butyl Ether PRS	179
141894	Silver Cyanide PRS	361
141895	Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	475
141901	Iron metal reduced by hydrogen PRS	229
141903	2-Methyl-2-Propanol PRS	275
141909	Iodoform PRS	229
141911	Ammonium Hydrogen di-Fluoride PRS	48
141913	Glycerol mono-Acetate PRS	199
141914	Hydroxylammonium Chloride PRS	223
141922	Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX	199
141926	Chromium(III) Sulphate x-hydrate PRS	123
141927	Magnesium Hydrogen Phosphate 3-hydrate PRS	252
141928	Lithium Hydroxide 1-hydrate (USP) PRS-CODEX	248
141929	Sodium Hydroxide pearls (USP-NF, BP, Ph.Eur.) PRS-CODEX	385
141933	Silver(I) Oxide PRS	363

141937	Di-n-Butyl Phthalate PRS	142
141940	Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
141945	Magnesium metal, filings PRS	250
141949	Methyl Benzoate PRS	269
141952	Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS	178
141953	Chlorobenzene PRS	117
141954	Dimethyl Sulphoxide PRS	161
141956	Formamide PRS	191
141962	Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	351
141965	Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX	382
141973	Ethyl Benzoate PRS	176
141975	Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
141976	Potassium Fluoride PRS	329
142003	Lithium metal, pieces in Argon atmosphere PRS	246
142004	Cadmium Bromide 4-hydrate PRS	99
142005	Copper(II) Bromide PRS	129
142006	n-Pentane PRS	299
142014	Chromium(III) Chloride 6-hydrate PRS	122
142023	Methyl Acetate PRS	268
142028	Ammonium Iron(III) Citrate green PRS	50
142029	Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX	254
142032	Sodium Carbonate 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	370
142034	L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	61
142035	DL-Alanine PRS	32
142041	Thioglycollic Acid 80% PRS	442
142042	L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	197
142043	L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	31
142045	L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	209
142046	L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	245
142047	L-Phenylalanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	310
142048	Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	465
142049	L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
142050	Tween ® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462
142051	DL-Malic Acid (USP-NF) PRS-CODEX	256
142060	Gelatine 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	195
142061	Arabic Gum powder PRS	59
142062	n-Heptane PRS	203
142063	n-Hexane PRS	206
142064	Isooctane PRS	236
142067	D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	259
142077	L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	463
142080	D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX	472
142083	Colophony (BP, Ph. Eur.) PRS-CODEX	127
142085	Eucalyptol (USP) PRS-CODEX	182
142091	Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS	177
142093	Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS	177
142099	Sodium Iodide 2-hydrate PRS	390
142101	Titanium(IV) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX	446
142166	Mercury(II) Sulphate PRS	263
142175	Perchloric Acid 70% PRS	303
142176	Hydrochloric Acid 32% PRS	216
142198	L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	209
142213	Hydriodic Acid 57% PRS	212
142224	Barium Fluoride PRS	64
142230	Strontium Fluoride PRS	427
142312	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462
142314	Triton® X 100 PRS	460
142315	Triton ® X 405 solution 70% PRS	460
142320	Periodic Acid PRS	304
142323	Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
142329	Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX	199
142333	di-Potassium Hydrogen Phosphate 3-hydrate PRS	332
142338	Sodium Iodate PRS	389
142342	Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX	30
142344	Fumaric Acid (USP-NF) PRS-CODEX	193
142346	Nitrile tri-Acetic Acid PRS	289
142351	Ammonium Fluoride PRS	47
142352	Ammonium meta-Vanadate PRS	55
142357	Benzoyl Peroxide humidified with ~25% of H_2O (RFE, USP, BP, Ph. Eur.) PRS-CODEX	71
142358	Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX	312
142360	Magnesium Fluoride PRS	252
142363	Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	376
142367	Manganese(IV) Oxide precipitated PRS	258
142384	2-Oxoglutaric Acid PRS	295
142395	Mercurydibromofluoroescein PRS	261
142400	Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	106
142404	Sodium Hydroxide solution 50% w/w PRS	385
142416	Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
142422	DL-Aspartic Acid PRS	61
142431	Lithium Fluoride PRS	248
142432	Lithium Nitrate PRS	249
142436	Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	317
142438	Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
142465	Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX	65
142475	Siliceous Earth purified and calcined (USP-NF) PRS-CODEX	361
142502	Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX	454
142507	di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	381
142512	Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
142542	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114
142557	Cobalt(II,III) Oxide PRS	126
142590	Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
142594	Hydrazinium mono-Chloride PRS	210
142652	DL-Camphor synthetic (USP) PRS-CODEX	109
142659	Oleic Acid (USP) PRS-CODEX	293
142660	Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX	221
142697	Potassium Hydrogen Diiodate PRS	330
142698	Petroleum Ether 25-40°C PRS	304
142699	Petroleum Ether 30-40°C PRS	305
142700	Petroleum Ether 30-50°C PRS	305
142701	Petroleum Ether 60-80°C PRS	307
142702	Petroleum Ether 65-95°C PRS	307
142705	Lanthanum(III) Oxide PRS	242
142726	Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	131
142728	D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX	193
142730	Nickel Oxide black PRS	284
142742	Tin metal, powder PRS	444
142748	Ammonium Cerium(IV) Sulphate 2-hydrate PRS	45
142749	Ammonium Copper(II) Chloride 2-hydrate PRS	46
142756	Sodium Selenite anhydrous PRS	397
142767	o-Xylene PRS	471
142768	m-Xylene PRS	471
142769	p-Xylene PRS	472
142770	Diethyl Ether stabilized with ~6 ppm of BHT PRS	151
142786	Octanoic Acid PRS	292
142791	Molybdenum(VI) Oxide PRS	279
142823	Sulphanilamide (Ph. Fr., DAB) PRS-CODEX	429
142825	2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.) PRS-CODEX	142
142833	Caffeine anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	101
142839	Barium Perchlorate anhydrous PRS	65
142880	L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX	235
142882	L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX	267
142902	Lithium Bromide PRS	247
142904	Cadmium Oxide PRS	100
142909	Vanadium(V) Oxide PRS	465
142912	Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX	50
142925	1,1,1-Trichloroethane (E.U.) PRS	450
142961	L(-)-Menthol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	260
142963	Methyl Salicylate synthetic (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	277
142970	Sodium Stannate 3-hydrate PRS	398
142977	Manganese metal, small sheets PRS	257
142983	Sodium D-Gluconate (USP) PRS-CODEX	377
143052	di-Sodium tetra-Borate anhydrous PRS	367
143064	D(-)-Sorbite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	405
143080	1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX	276
143083	Benzethonium Chloride (USP, BP, Ph. Eur.) PRS-CODEX	68
143091	Formaldehyde solution 10% neutralized, stabilized with methanol PRS	190
143101	Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX	452
143140	D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	197
143143	Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	114
143145	N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX	156
143162	Lead metal, powder PRS	242
143209	Paraffin M.P. 51-53°C pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	296
143224	Manganese(II) Nitrate 4-hydrate PRS	258
143242	n-Hexane 95% PRS	207
143255	Nitric Acid 65% PRS	288
143289	Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX	377
143299	Ammonium Sulphide solution 20% w/w PRS	54
143306	Sodium Lactate PRS	390
143307	Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX	390
143312	tert-Butyl Methyl Ether PRS	97
143332	Methyl 4-Hydroxybenzoate (RFE, USP-NF, BP, Ph. Eur., JP) PRS-CODEX	272
143389	Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	284
143396	Sodium Peroxodisulphate PRS	395
143459	Indium(III) Sulphate anhydrous PRS	226
143464	L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX	59
143473	Sodium Propionate (USP-NF) PRS-CODEX	396
143481	Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX	116
143482	Ammonium Formate PRS	47
143501	Isopentane PRS	237
143537	Tetrahydrofuran stabilized with ~300 ppm of BHT PRS	441
143573	Phosphorous Acid PRS	314
143578	Sodium Succinate anhydrous PRS	398
143607	Petroleum Ether 30-60°C PRS	305
143646	L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX	345
143854	Sodium Hydrogen Sulphate 1-hydrate PRS	383
143865	Sodium L(+)-Ascorbate (USP) PRS-CODEX	366
143886	2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX	181
143922	Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
143958	Sodium meta-Borate 4-hydrate PRS	367
143977	D(+)-Biotin (USP) PRS-CODEX	73
144108	Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS	179
144202	Copper(I) Iodide PRS	130
144233	2-tert-Butyl-4-Methoxyphenol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	96
144272	Potassium Thiosulphate x-hydrate PRS	345
144321	tetra-Potassium Pyrophosphate anhydrous PRS	342
144329	Copper(I) Bromide PRS	129
144369	Tin(II) Sulphate PRS	445
144441	Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
144559	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
144564	Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX	113
144653	L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	60
144720	Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	72
144747	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
144764	L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX	250
144852	Phenol crystallized (detached crystals) (RFE, USP, BP, Ph. Eur.) PRS-CODEX	308
144894	Manganese(II) Oxide PRS	258
145044	L-Valine (USP, BP, Ph. Eur.) PRS-CODEX	464
145224	Sodium Chromate 4-hydrate PRS	373
145226	4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX	120
145265	Allantoin (BP, Ph. Eur.) PRS-CODEX	33
145300	1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	455
145398	1-Methoxy-2-Propanol PRS	267
145518	Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX	312
145522	Sodium Stearate PRS	398
145642	Sodium Perborate 4-hydrate (BP, Ph. Eur.) PRS-CODEX	394
145655	Acetylcholine Chloride (USP) PRS-CODEX	28
145827	DL-Methionine (BP, Ph. Eur.) PRS-CODEX	267
146075	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319
146076	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
146092	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404
146094	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403

146101	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403
146102	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404
146132	Sodium Dodecyl Sulphate solution 10% w/v PRS	376
146156	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
146157	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
146158	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318
146159	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319
146226	Iron Sulphide natural powder PRS	232
146257	Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX	245
146308	DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX	109
146340	Nitroethane PRS	290
146392	Urea pearls PRS	463
14B099	L-Serine (USP, BP, Ph. Eur.) PRS-CODEX	360
14B216	Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX	189
14B764	6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX	38
15 PS		
151004	Acetamide, 99% PS	18
151005	Acetanilide, 99% PS	19
151014	Benzoic Acid, 99,5% PS	70
151041	Oxalic Acid 2-hydrate, 99% PS	294
151045	Salicylic Acid, 99% PS	358
151048	Picric Acid, 98% moistened with ~33% of H_2O PS	316
151050	Pyrogallic Acid, 99% PS	354
151057	Sulphanilic Acid, 99% PS	430
151067	Trichloroacetic Acid, 98% PS	450
151079	3-Methyl-1-Butanol, 98% PS	270
151081	Benzyl Alcohol, 99% PS	72
151083	4-Hydroxy-4-Methyl-2-Pentanone, 98% PS	224
151154	di-Phosphorus penta-Oxide, 98% PS	315
151156	Aniline, 99% PS	56
151157	Anilinium Chloride, 99% PS	56
151263	Copper(I) Cyanide, 98% PS	130
151289	Diethylene Glycol, 98% PS	149
151290	Di-Isobutylketone PS	154
151319	Ethyl (S)-(-)-Lactate, 98% PS	181
151330	Phthalimide, 98% PS	316
151339	Glycerol, 99% PS	198
151340	Glycine, 99% PS	200
151343	L-Glutamine, 99% PS	197
151346	Hexamethylenetetramine, 99% PS	205
151349	Hydrazinium Hydroxide 80% PS	211
151371	Isatin, 98% PS	232
151372	Isoamyl Acetate, 98% PS	232
151438	Naphthalene, 98% PS	280
151451	Paraformaldehyde, 95% PS	297
151470	Lead(II) Chloride, 99% PS	243
151545	1,2-Propanediol, 99% PS	346
151716	Sodium Sulphate anhydrous, 99% PS	399
151735	1,1,2,2-Tetrabromoethane, 98,5% PS	438
151741	1,3-Diphenylthiourea, 98% PS	165
151743	Thiourea, 98% PS	443
151770	Iodine mono-Bromide, 98% PS	228
151808	Citric Acid anhydrous, 99% PS	124
151815	Antimony(III) Chloride, 98% PS	57
151825	Copper(I) Oxide red, 95% PS	131
151859	Sodium Salicylate, 99% PS	397
151882	Maleic Acid, 99% PS	255
151884	1-Pentanol, 98% PS	301
151914	Hydroxylammonium Chloride, 99% PS	223
151925	Hydroxylammonium Sulphate, 99% PS	224
151937	Di-n-Butyl Phthalate, 99% PS	142
151945	Magnesium, 99% metal, filings PS	250
151949	Methyl Benzoate, 99% PS	269
151973	Ethyl Benzoate, 99% PS	176
152005	Copper(II) Bromide, 99% PS	129
152042	L-Glutamic Acid, 99% PS	197
152045	L-Histidine, 99% PS	209
152046	L-Leucine, 99% PS	245
152047	L-Phenylalanine, 99% PS	310
152048	Vanillin, 99% PS	465
152049	L-Tryptophan, 99% PS	459
152051	DL-Malic Acid, 99% PS	256
152077	L-Tyrosine, 99% PS	463
152085	Eucalyptol, 98% PS	182
152198	L-Histidine mono-Hydrochloride 1-hydrate, 99% PS	209
152320	Periodic Acid, 99% PS	304
152323	Chloramine T 3-hydrate, 98% PS	116
152342	Adipic Acid, 99% PS	30
152346	Nitrile tri-Acetic Acid, 98% PS	289
152365	Pyrocatechol, 98% PS	354
152366	Thiosemicarbazide, 98% PS	443
152594	Hydrazinium mono-Chloride, 99% PS	211
152595	Hydrazinium di-Chloride, 99% PS	211
152616	N-(Trimethylsilyl) Imidazole, 98% PS	459
152652	DL-Camphor, 95% synthetic PS	109
152757	Methyl Decanoate, 98% PS	271
152758	Methyl Octanoate, 98% PS	273
152759	Methyl Hexanoate, 98% PS	272
152760	Methyl Stearate, 98% PS	277
152761	Methyl Laurate, 98% PS	273
152762	Methyl Myristate, 98% PS	273
152763	Methyl Palmitate, 98% PS	273
152777	Sulphuric Acid fuming ~ 20% SO3 PS	433
152830	Gallic Acid 1-hydrate, 99% PS	194
152832	Selenium(IV) Oxide, 97% PS	359
152879	L-Threonine, 99% PS	443
152880	L-Isoleucine, 99% PS	235
152882	L-Methionine, 99% PS	267
152961	L(-)-Menthol, 99% PS	260
152963	Methyl Salicylate, 99% PS	277
153241	Hydrazinium mono-Bromide, 99% PS	210
153316	Trifluoroacetic Anhydride, 99% PS	457
153464	L-Arginine, 99% PS	59
153622	Tetrabutylammonium Hydrogen Sulphate, 98% PS	438
153645	L-Cystine, 98% PS	137
153856	5-Chlorcarvacrol, 97% PS	116
154406	Polysorbate 85 PS	320
154747	2-Bromo-2-Nitro-1,3-Propanediol, 98% PS	85
154764	L-Lysine mono-Hydrochloride, 99% PS	250
155044	L-Valine, 98% PS	464
155265	Allantoin, 98% PS	33
155398	1-Methoxy-2-Propanol, 99% PS	268
155494	1H-Indole-3-Butyric Acid, 99% PS	227
155584	Heptafluorobutyric Anhydride, 99% PS	202
155587	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide, 95% PS	277
155590	N-Methyl-Bis (Trifluoroacetamide), 97% PS	269
155600	N,N-Dimethylformamide-Dimethylacetal, 95% PS	159
155655	Acetylcholine Chloride, 98% PS	28
155769	1-Butane Sulphonic Acid Sodium Salt, 98% PS	92
156075	Polysorbate 80 PS	319
156092	Sorbitan Monopalmitate PS	404
156093	Sorbitan Tristearate PS	405
156094	Sorbitan Monooleate PS	403
156101	Sorbitan Monolaurate PS	403
156102	Sorbitan Monostearate PS	404
156156	Sorbitan Sesquioleate PS	404
156157	Sorbitan Trioleate PS	404
156158	Polysorbate 40 PS	319
156159	Polysorbate 60 PS	319
156160	Polysorbate 65 PS	319
156392	Urea pearls, 98,5% PS	464
156416	2-Methyltetrahydrofuran stabilized with ~300 ppm of BHT PS	277
15A007	Methyl 4-Hydroxyphenylacetate, 98% PS	272
15A010	3,4-Difluorobenzaldehyde, 98% PS	153
15A021	4-(Dimethylamino) Pyridine, 99% PS	157
15A024	Diethylene Glycol Diethyl Ether, 98% PS	149
15A029	Citrazinic Acid, 97% PS	123
15A030	4-Methylcyclohexanone, 98% PS	271
15A031	trans-4-Methylcyclohexylammonium Chloride, 98% PS	271
15A033	Crown Ether/15-Crown-5, 98% PS	133
15A034	Crown Ether/18-Crown-6, 98% PS	133
15A035	D-Valine, 99% PS	464
15A036	Epichlorohydrin, 98% PS	168
15A037	4'-Hydroxyacetophenone, 98% PS	222
15A038	Cyclopropylmethylketone, 98% PS	137
15A039	Dicyclopropylketone, 98% PS	148
15A040	Cyclopropylmethylamine, 96% PS	137
15A042	Cyclopropylmethanol, 98% PS	137
15A043	Bromomethylcyclopropane, 91% PS	84
15A044	Cyclopropyl Cyanide, 98% PS	137
15A046	Cyclopropanecarboxylic Acid, 98% PS	137
15A047	Methyl Cyclopropanecarboxilate, 98% PS	271
15A048	Cyclopropanecarbonyl Chloride, 95% PS	137
15A051	Sodium Hydride 60% mineral oil dispersion PS	378
15A054	Cyclopropyl Bromide, 98% PS	137
15A058	1-Bromo-2-Methylpropane, 99% PS	84
15A059	1-Chloronaphthalene, 93% PS	120
15A066	D-2-Methylbutyric Acid, 98% PS	270
15A068	2-Methyl-4-Nitroaniline, 98% PS	273
15A087	Cyclopentanol, 99% PS	136
15A090	Cyclopentanone, 99% PS	136
15A100	Triphosgene, 98% PS	459
15A106	Chlorotriisopropylsilane, 97% PS	121
15A109	2-Amino-5-Nitrothiazole, 97% PS	39
15A110	2-(Phenylthio) Ethanol, 98% PS	312
15A116	1,3-Propanediol, 98% PS	346
15A117	1,3-Propanedithiol, 98% PS	346
15A118	2-(2-Hydroxyethyl) Pyridine, 98% PS	223
15A121	2,2-Dimethoxypropane, 98% PS	155
15A127	2-Nitrobenzaldehyde, 99% PS	289
15A135	4-Methoxyphenol, 98% PS	267
15A136	4-Nitrophenyl Chloroformate, 95% PS	291
15A137	9-Anthracenemethanol, 98% PS	57
15A140	Acetylsalicyloyl Chloride, 98% PS	29
15A145	2-Nitrobenzyl Alcohol, 99% PS	290
15A146	4-Chlorobenzyl Alcohol, 98% PS	118
15A148	Chloroacetic Anhydride, 97% PS	117
15A155	Triphenylchloromethane, 98% PS	459
15A158	Dimethyl Carbonate, 99% PS	158
15A165	3-Hexanol, 98% PS	209
15A167	N-Acetyl-L-Cysteine, 98% PS	28
15A169	tert-Butyldimethylchlorosilane, 98% PS	96
15A175	Diethyl Malonate, 99% PS	152
15A178	Ethyl 4-Chloroacetoacetate, 98% PS	176
15A188	Allylmagnesium Chloride 2M in THF PS	34
15A190	4-Hydroxypiperidine, 98% PS	224
15A201	1,3-Cyclohexanedione, 98% stabilized with 3% sodium chloride PS	135
15A204	Methyl 4-Methoxybenzoate, 98% PS	273
15A206	Tetraethylammonium Bromide, 99% PS	440
15A211	Tetraoctylammonium Bromide, 98% PS	442
15A217	Benzylmagnesium Chloride 2M in THF PS	72
15A222	trans-4-Methylcyclohexyl Isocyanate, 98% PS	271
15A229	Trimethyloxonium tetra-Fluoroborate, 97% PS	458
15A235	Tetrabutylammonium Iodide, 98% PS	439
15A239	D(-)-Tartaric Acid, 99% PS	436
15A240	Diethyl D(-)-Tartrate, 99% PS	152
15A241	Diethyl L(+)-Tartrate, 99% PS	152
15A242	Diisopropyl D(-)-Tartrate, 98% PS	155
15A243	Diisopropyl L(+)-Tartrate, 98% PS	155
15A244	Titanium(IV) Isopropylate, 97% PS	446
15A251	2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone, 98% PS	144
15A259	Pyrrole, 98% PS	354
15A262	1H-Indole-3-Acetic Acid, 98% PS	227
15A299	Potassium Tellurite x-hydrate, 95,0% PS	344
15A304	3,5-Dimethylbenzoic Acid, 98% PS	157
15A308	4-Bromophenylhydrazinium Chloride, 96% PS	86
15A311	Cyanoacetic Acid, 98% PS	134
15A314	Aluminium Isopropylate, 98% PS	35
15A315	DL-Valine, 98% PS	464
15A317	Benzamide, 98% PS	66
15A324	Trimethylsilylacetylene, 98% PS	458
15A327	5-Nitroindole, 98% PS	290
15A330	Phthalic Acid, 99,5% PS	316
15A331	Palladium-Charcoal Activated (10% Pd) PS	295
15A333	2',4'-Difluoroacetophenone, 98% PS	152
15A337	4-Chlorocinnamic Acid, 99% PS	119
15A340	1-Bromo-4-Iodobenzene, 98% stabilized with copper PS	84
15A341	Potassium Hydrogen Difluoride, 99% PS	330
15A347	4-Chlorophenylhydrazinium Chloride, 98% PS	121
15A348	2-Amino-6-Methylpyridine, 98% PS	39
15A351	p-Tolylhydrazinium Chloride, 98% PS	449
15A352	4-Fluorocinnamic Acid, 98% PS	187
15A356	L-Ornithine Hydrochloride, 99% PS	294
15A363	Palladium-Charcoal Activated (5% Pd) PS	295
15A367	Triphenylphosphine, 99% PS	459
15A371	4-Aminoantipyrine, 98% PS	37
15A375	N-Z-L-Alanine, 98% PS	472
15A390	L-Lysine 1-hydrate, 98% PS	249
15A392	Ferrocene, 98% PS	183
15A406	3-Nitrophenol, 98% PS	290
15A414	N-Boc-L-Valine, 98% PS	77
15A428	1-Naphthaleneacetic Acid, 97% PS	280
15A437	3,4-Dihydroxybenzoic Acid, 98% PS	153
15A438	3,4-Dihydroxybenzaldehyde, 98% PS	153
15A441	5-Aminoquinoline, 98% PS	40
15A446	1-Hydroxybenzotriazole moistened with 33% of H_2O PS	222
15A448	N,N'-Diisopropylcarbodiimide, 98% PS	154
15A454	Di-tert-Butyl Dicarbonate, 98% PS	141
15A456	9-Fluorenylmethanol, 99% PS	184
15A457	N-(9-Fluorenylmethoxycarbonyloxy) Succinimide, 98% PS	184
15A460	Trifluoromethansulphonic Acid, 99% PS	457
15A467	N-Boc-D-Valine, 98% PS	77
15A469	N-Z-L-Valine, 99% PS	477
15A471	Polyphosphoric Acid PS	318
15A474	Tetrabutylammonium Borohydride, 97% PS	438
15A475	4-Aminophenol, 98% PS	39
15A476	D-Alanine, 98% PS	31
15A479	N-Boc-L-Alanine, 98% PS	76
15A480	N–α–BOC-L-Asparagine, 98% PS	76
15A481	N-Boc-L-Aspartic Acid, 98% PS	76
15A482	N-Boc-L-Glutamic Acid, 98% PS	76
15A483	N-Boc-Glycine, 98% PS	76
15A484	N–α–Boc-L-Histidine, 98% PS	76
15A485	N-Boc-L-Isoleucine 1/2-hydrate, 98% PS	76
15A486	N-Boc-L-Leucine 1-hydrate, 98% PS	76
15A488	N-Boc-L-Methionine, 98% PS	76
15A489	N-Boc-L-Phenylalanine, 98% PS	76
15A490	N-Boc-L-Proline, 98% PS	76
15A491	N-Boc-L-Serine hydrate, 98% PS	76
15A492	N-Boc-L-Threonine, 98% PS	76
15A493	N–α–Boc-L-Tryptophan, 98% PS	76
15A494	N-Boc-L-Tyrosine, 98% PS	77
15A505	tert-Butyl Acetate, 98% PS	95
15A507	2-Aminophenol, 98% PS	39
15A511	Isopropyl Palmitate, 90% PS	238
15A512	Propyl 4-Hydroxybenzoate, 99% PS	351
15A553	N–α–Z-L-Arginine, 98% PS	472

15A555	N-Z-L-Aspartic Acid, 98% PS	472
15A556	N-Z-L-Glutamic Acid, 98% PS	473
15A563	N-Z-L-Phenylalanine, 98% PS	477
15A564	N-Z-L-Proline, 98% PS	477
15A567	N–α–Z-L-Tryptophan, 98% PS	477
15A568	N-Z-L-Tyrosine hydrate, 98% PS	477
15A570	Boc-ON, 98% PS	76
15A571	Kojic Acid, 98% PS	240
15A581	γ–Butyrolactone, 99% PS	98
15A582	γ–Terpinene, 95% PS	437
15A583	(-)-Borneol, 98% PS	78
15A584	(±)-Linalool, 95% PS	246
15A585	a-Terpineol, 70% PS	437
15A586	1,1,3,3-Tetramethyldisiloxane, 97% PS	441
15A587	1,2,3,4-Tetrahydronaphthalene, 98% PS	441
15A588	1,2,4-Triazole Sodium Salt, 95% PS	449
15A591	1,3-Butanediol, 99% PS	91
15A592	1,3-Dichlorobenzene, 98% PS	143
15A593	1,3-Dimethylurea, 98% PS	162
15A595	1,3-Dioxolane, 99% stabilized with ~50 ppm BHT and ~100 ppm triethylamine PS	164
15A596	1,4-Benzoquinone, 99% PS	70
15A597	1,4-Butanediol, 99% PS	91
15A598	1,4-Dichlorobenzene, 99% PS	143
15A599	1,4-Naphthoquinone, 97% PS	281
15A600	1-Bromobutane, 98% PS	81
15A601	1-Bromoheptane, 98% PS	84
15A602	1-Bromohexane, 98% PS	84
15A603	1-Bromonaphthalene, 96% PS	85
15A604	1-Cyanoguanidine, 98% PS	134
15A608	1-Phenylsemicarbazide, 99% PS	312
15A609	1H-Benzotriazole, 99% PS	70
15A612	1-Naphthylamine, 99% PS	281
15A614	1-Octene, 97% PS	293
15A615	2,2,2-Trifluoroacetamide, 98% PS	456
15A617	2,3-Butanedione, 98% PS	92
15A618	2,4,6-Trichlorophenol, 98% PS	455
15A621	2,4-Dinitrotoluene, 96% PS	163
15A623	2,6-Dimethylpyridine, 98% PS	160
15A625	2-Amino-2-Methyl-1-Propanol, 95% PS	39
15A626	2-Bromo-2-Methylpropane, 97% stabilized with potassium carbonate PS	85
15A627	2-Bromoethylammonium Bromide, 99% PS	83
15A628	2-Chloroethanol, 99% PS	120
15A631	2-Phenoxyethanol, 99% PS	310
15A632	2-Hydroxybiphenyl, 98% PS	222
15A633	2-Methylbutyryl Chloride, 99% PS	270
15A634	2-Methylpyridine, 98% PS	275
15A636	2-Nitrophenol, 98% PS	290
15A637	3,4-Diaminopyridine, 98% PS	141
15A638	3,4-Dihydro-2H-Pyran, 98% PS	153
15A639	3,5-Dihydroxytoluene 1-hydrate, 99% PS	154
15A640	3,5-Dimethylphenol, 99% PS	160
15A641	3'-Aminobenzanilide, 99% PS	37
15A643	4-Allylanisole, 98% PS	34
15A644	4-Bromoacetanilide, 98% PS	79
15A647	4-Methyl-2-Pentanol, 97% PS	274
15A649	4-Methoxybenzaldehyde, 98% PS	267
15A650	4-Nitrobenzyl Bromide, 98% PS	290
15A652	4-tert-Butylpyrocatechol, 99% PS	98
15A653	4-Toluenesulphonyl Chloride, 98% PS	448
15A654	5-Isopropyl-2-Methylphenol, 97% PS	238
15A656	Acetaldehyde, 99% PS	18
15A657	Acetyl Bromide, 98% PS	28
15A661	2-Amino-5-Nitrobenzoic Acid, 97% PS	39
15A664	2-Furoic Acid, 98% PS	194
15A665	2-Methylbutyric Acid, 98% PS	270
15A668	4-Acetoxybenzoic Acid, 99% PS	29
15A669	4-Hydroxybenzoic Acid, 99% PS	222
15A670	4-Hydroxyphenylacetic Acid, 98% PS	224
15A671	Toluene-4-Sulphonic Acid 1-hydrate, 98% PS	448
15A672	5-Amino-2-Hydroxybenzoic Acid, 97% PS	38
15A673	Acrylic Acid, 99% stabilized with hydroquinone monomethyl ether PS	30
15A674	Benzilic Acid, 99% PS	69
15A676	Chlorosulphonic Acid, 98% PS	121
15A678	Dichloroacetic Acid, 98% PS	143
15A680	Phenylacetic Acid, 99% PS	310
15A682	Gibberellic Acid, 90% PS	196
15A683	Glycolic Acid ~ 65% PS	200
15A687	Methanesulphonic Acid 70% w/w PS	264
15A689	n-Butyric Acid, 99% PS	98
15A694	Pyridine 2,6-Dicarboxylic Acid, 98% PS	353
15A701	Acrylonitrile, 99% stabilized with hydroquinone mono-methyl ether PS	30
15A703	Allyl Alcohol, 99% PS	33
15A705	Stearyl Alcohol, 96% PS	427
15A706	Furfuryl Alcohol, 98% PS	194
15A707	Nickel-Aluminium alloy according to Raney PS	283
15A709	Aluminium Chloride anhydrous, 98% PS	34
15A713	Maleic Anhydride, 98% PS	255
15A714	Succinic Anhydride, 99% PS	429
15A716	Anisole, 99% PS	56
15A718	Anthraquinone, 98% PS	57
15A720	Sulphur Trioxide-Pyridine (Complex) PS	431
15A721	Barium Oxide, 97% PS	65
15A723	Benzil, 99% PS	69
15A724	Benzyl Acetate, 99% PS	71
15A726	Benzyl Chloride, 99% PS	72
15A728	Benzophenone, 99% PS	70
15A731	Benzoin, 99% PS	70
15A732	Benzonitrile, 99% PS	70
15A733	Bis (2-Ethylhexyl) Phthalate, 98% PS	74
15A734	Boron Trifluoride 14% in methanol PS	79
15A735	Boron Trifluoride-Diethyl Ether (complex) PS	79
15A737	Bromobenzene, 99% PS	80
15A738	Bromoethane, 99% PS	83
15A740	Bromotrichloromethane, 98% PS	87
15A742	Butyryl Chloride, 98% PS	98
15A743	Calcium, 98% metal, granules PS	101
15A747	Cyclohexene, 99% stabilized with ~100 ppm of BHT PS	136
15A748	Cyclohexylamine, 99% PS	136
15A749	Cinnamaldehyde, 98% PS	123
15A751	Chlorocyclopentane, 98% PS	119
15A754	Copper, 99% metal, turnings PS	128
15A758	Decahydronaphthalene, 98% isomers mixture PS	138
15A759	Decanoyl Chloride, 98% PS	138
15A760	Dicyclopentadiene, 90% stabilized with 100-200 ppm of tert-butylphenolene PS	148
15A763	Diethylketone, 99% PS	151
15A765	Diethylenetriamine, 98% PS	150
15A766	Diethyl Phthalate, 99% PS	152
15A767	Diethyl Oxalate, 98,5% PS	152
15A769	Biphenyl, 99% PS	73
15A770	Di-Isopropanolamine, 99% PS	154
15A771	Di-Isopropylamine, 99% PS	154
15A772	Dimethylamine solution 40% PS	156
15A774	Dimethyl Phthalate, 99% PS	160
15A775	Dimethyl Sulphate, 99% PS	160
15A777	Di-n-Butylamine, 99% PS	141
15A778	Dipropylene Glycol, 98% isomers mixture PS	165
15A779	Diiodomethane, 99% stabilized with copper PS	154
15A780	Styrene, 99% stabilized with 4-tert-Butyl Pyrocatechol PS	428
15A783	Diethylene Glycol mono-Butyl Ether, 98% PS	149
15A784	Diethylene Glycol mono-Ethyl Ether, 98% PS	149
15A786	Diethylene Glycol mono-Methyl Ether, 98% PS	149
15A790	Ethyl Acetoacetate, 98% PS	176
15A791	Ethyl Bromoacetate, 98% PS	176
15A792	Ethyl Nitrite 50% in ethanol 96% v/v PS	182
15A793	Ethyl Trifluoroacetate, 98% PS	182
15A794	Phenylacetylene, 97% PS	310
15A795	Phenylarsine Oxide, 95% PS	311
15A798	Formaldehyde Dimethylacetal , 98% PS	191
15A800	Phosphoryl Chloride, 99% PS	315
15A801	Phosphorus tri-Bromide, 98% PS	315
15A802	Phthalide, 99% PS	316
15A803	Fumaryl Chloride, 97% PS	194
15A805	Geraniol, 97% PS	195
15A806	Glyoxal solution 40% PS	200
15A807	Glutaraldehyde solution 50% PS	198
15A810	Hexanoyl Chloride, 98% PS	209
15A811	Hydrazinium Hydroxide 100% PS	211
15A813	Iron(III) Chloride anhydrous, 97% PS	230
15A816	Isoamyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	233
15A817	Isobutyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	234
15A818	Linalyl Acetate, 95% PS	246
15A820	Lithium, 99% metal, granulated ~2,5 mm diameter in Argon atmosphere PS	246
15A821	Lithium Aluminium Hydride, 95% in Argon atmosphere PS	246
15A822	Lithium Aluminium Hydride, 95% tablets in Argon atmosphere PS	247
15A823	Lithium Amide, 94% PS	247
15A825	Methylamine solution 40% w/w PS	268
15A826	Methyl Acrylate, 99% stabilized with ~50 ppm of M.E.H.Q. PS	268
15A828	Morpholinium Iodide, 99% PS	280
15A829	N,N'-Dicyclohexylcarbodiimide, 98% PS	148
15A833	N-Allylthiourea, 98% PS	34
15A834	N-Bromosuccinimide, 98% PS	86
15A835	n-Butyraldehyde, 99% PS	98
15A837	N-Ethyl Di-Isopropylamine, 98% PS	176
15A838	N-Hydroxyphthalimide, 98% PS	224
15A841	N-Methylmorpholine, 98% PS	273
15A842	N-Methyltrifluoroacetamide, 98% PS	277
15A843	o-Cresol, 99% PS	132
15A844	Octanoyl Chloride, 98% PS	293
15A846	Oxalyl Chloride, 98% PS	295
15A847	Palladium(II) Chloride anhydrous PS	296
15A848	p-Cresol, 98,5% PS	132
15A849	Piperazine anhydrous, 98% PS	316
15A852	Pyridinium 4-Toluenesulphonate, 99% PS	353
15A853	Platinum(IV) Oxide x-hydrate PS	317
15A854	Potassium Cyanate, 97% PS	326
15A856	Propanal, 98% PS	346
15A858	Propiophenone, 99% PS	351
15A859	Propionyl Chloride, 98% PS	351
15A861	p-Toluidine, 99% PS	449
15A862	Quinoline, 96% PS	355
15A865	Sodium, 99% metal, sticks in vaseline oil PS	364
15A868	Sodium Methylate solution ~30% in methanol PS	391
15A870	Succinimide, 99% PS	429
15A871	Sulphuryl Chloride, 98% PS	435
15A872	tert-Butyl Hydroperoxide solution 3M in isooctane PS	96
15A873	tert-Butyl Hydroperoxide aqueous solution ~70% PS	96
15A874	Tetrabutylammonium Bromide, 98% PS	438
15A875	Tetrabutylammonium Hexafluorophosphate, 98% PS	438
15A876	Tetrabutylammonium Hydroxide aqueous solution 20% w/w PS	438
15A879	Thionyl Chloride, 99% PS	442
15A882	Triethylene Glycol, 99% PS	456
15A883	Tri-n-Butylamine, 99% PS	449
15A884	Iodine mono-Chloride, 98% PS	228
15A885	Iodoethane, 98% stabilized with copper PS	229
15A886	Iodomethane, 99% stabilized with copper PS	229
15A887	Zinc Bromide, 98% PS	473
15A891	3,5-Dinitrobenzoyl Chloride, 98% PS	162
15A894	n-Btuyl Nitrite stabilized with 0,5% of sodium carbonate anhydrous PS	98
15A914	D(+)-Malic Acid, 99% PS	255
15A915	Pyruvic Acid, 98% PS	355
15A916	2-Phenylbutyric Acid, 98% PS	311
15A918	2-Bromopropane, 99% PS	86
15A920	1-Bromopentane, 99% PS	85
15A921	3-Nitroaniline, 98% PS	289
15A922	4-Nitroaniline, 98% PS	289
15A923	2-Phenylethyl Acetate, 98% PS	311
15A926	2-Aminopyridine, 98% PS	40
15A953	4-Bromobiphenyl, 98% PS	81
15A961	2-Fluorobenzoic Acid, 98% PS	186
15A977	Bromoacetic Acid, 99% PS	79
15A985	Benzyltributylammonium Chloride, 99% PS	73
15A986	Benzyltriethylammonium Chloride, 99% PS	73
15A988	Benzyltrimethylammonium Chloride, 99% PS	73
15B002	Dextrin Yellow PS	140
15B003	Diethyl Sulphate, 99% PS	152
15B018	Phthalimide Potassium Salt, 98% PS	316
15B037	Pyrrolidine, 99% PS	354
15B060	Tetramethylammonium Chloride, 98% PS	441
15B089	L-Asparagine 1-hydrate, 99% PS	61
15B097	N-Fmoc-L-Alanine, 98% PS	188
15B099	L-Serine, 99% PS	360
15B104	N–α–Fmoc-L-Arginine, 98% PS	188
15B105	N–α–Fmoc-L-Asparagine, 98% PS	188
15B106	N-Fmoc-L-Aspartic Acid, 98% PS	188
15B107	N–α–Fmoc-L-Glutamine, 98% PS	188
15B108	N-Fmoc-Glycine, 98% PS	188
15B109	N-Fmoc-L-Isoleucine, 98% PS	188
15B110	N-Fmoc-L-Leucine, 98% PS	188
15B111	N-Fmoc-L-Methionine, 98% PS	189
15B112	N-Fmoc-L-Phenylalanine, 98% PS	189
15B113	N-Fmoc-L-Proline, 98% PS	189
15B114	N-Fmoc-L-Serine, 98% PS	189
15B115	N-Fmoc-L-Threonine 1-hydrate, 98% PS	189
15B116	N–α–Fmoc-L-Tryptophan, 98% PS	189
15B117	N-Fmoc-L-Tyrosine, 98% PS	189
15B118	N-Fmoc-L-Valine, 98% PS	189
15B121	Palladium 5% on Calcium Carbonate, poisoned with lead PS	296
15B127	Phenylmagnesium Bromide 1,2M in THF PS	311
15B144	DL-Mandelic Acid, 99% PS	256
15B159	Phenylarsonic Acid, 97% PS	311
15B183	Methyl Nicotinate, 99% PS	273
15B187	Imidazolidinyl Urea, 26-28% (in N) PS	225
15B195	Pyrrole-2-Carboxaldehyde, 98% PS	354
15B198	N-Iodosuccinimide, 98% PS	229
15B200	Bis (Pyridine) Iodonium Tetrafluoroborate PS	75
15B205	Trimethyl Phosphate, 99% PS	458
15B216	Folic Acid, 97% PS	189
15B229	2-Iodoaniline, 98% PS	228
15B231	4-Iodoaniline, 98% PS	228
15B232	2-Fluoroaniline, 99% PS	185
15B233	3-Fluoroaniline, 99% PS	185
15B234	4-Fluoroaniline, 99% PS	185
15B235	2-Bromoaniline, 98% PS	80
15B241	2-Fluoroanisole, 99% PS	185
15B243	3-Bromoanisole, 98% PS	80
15B247	1-Iodobutane, 98% stabilized with copper PS	228
15B248	2-Iodobutane, 98% stabilized with copper PS	229
15B249	1-Iodopropane, 98% stabilized with copper PS	229
15B272	3-Fluorophenol, 99% PS	188
15B275	3-Bromophenol, 98% PS	85

15B276	2-Bromophenol, 98% PS	85
15B277	4-Bromophenol, 98 % PS	85
15B278	3-Chlorophenol, 98% PS	121
15B282	2-Fluorobenzaldehyde, 97% PS	185
15B283	3-Fluorobenzaldehyde, 99% PS	185
15B284	4-Fluorobenzaldehyde, 99% PS	186
15B289	3-Bromobenzaldehyde, 97% PS	80
15B290	4-Bromobenzaldehyde, 99% PS	80
15B291	2-Chlorobenzaldehyde, 99% PS	117
15B292	3-Chlorobenzaldehyde, 99% PS	117
15B294	2-Fluorobenzonitrile, 98% PS	186
15B295	3-Fluorobenzonitrile, 98% PS	186
15B296	4-Fluorobenzonitrile, 99% PS	186
15B301	4-Bromobenzonitrile, 99% PS	80
15B303	2-Fluorotoluene, 99% PS	188
15B309	2-Bromotoluene, 98% PS	87
15B311	4-Bromotoluene, 98% PS	87
15B326	1-Bromononane, 98% PS	85
15B327	2-Bromonaphthalene, 97% PS	85
15B344	2'-Fluoroacetophenone, 97% PS	185
15B345	3'-Fluoroacetophenone, 98% PS	185
15B346	4'-Fluoroacetophenone, 98% PS	185
15B348	3'-Bromoacetophenone, 98% PS	80
15B349	4'-Bromoacetophenone, 98% PS	80
15B352	2-Fluorobenzyl Chloride, 98% PS	187
15B353	3-Fluorobenzyl Chloride, 97% PS	187
15B354	4-Fluorobenzyl Chloride, 99% PS	187
15B355	2-Fluorobenzyl Bromide, 98% PS	186
15B356	3-Fluorobenzyl Bromide, 98% PS	187
15B357	4-Fluorobenzyl Bromide, 97% PS	187
15B364	2-Bromobenzyl Bromide, 98% PS	81
15B365	3-Bromobenzyl Bromide, 99% PS	81
15B366	4-Bromobenzyl Bromide, 98% PS	81
15B367	3-Bromobenzyl Chloride, 99% PS	81
15B371	2-Fluorobenzoyl Chloride, 98% PS	186
15B372	3-Fluorobenzoyl Chloride, 98% PS	186
15B374	2-Chlorobenzoyl Chloride, 98% PS	118
15B375	3-Chlorobenzoyl Chloride, 98% PS	118
15B377	2-Bromobenzoyl Chloride, 98% PS	81
15B378	3-Bromobenzoyl Chloride, 98% PS	81
15B379	4-Bromobenzoyl Chloride, 98% PS	81
15B382	2-Fluorophenylhydrazinium Chloride, 97% PS	188
15B383	3-Fluorophenylhidrazinium Chloride, 97% PS	188
15B384	4-Fluorophenylhydrazinium Chloride, 97% PS	188
15B389	2-Fluorobenzylamine, 97% PS	186
15B390	3-Fluorobenzylamine, 97% PS	186
15B391	4-Fluorobenzylamine, 97% PS	186
15B392	2-Chlorobenzylamine, 97% PS	118
15B393	3-Chlorobenzylamine, 98% PS	118
15B394	4-Chlorobenzylamine, 98% PS	118
15B406	3-Fluoroanisole, 99% PS	185
15B410	2-Fluoroacetamide, 98% PS	184
15B415	2'-Fluoroacetanilide, 98% PS	184
15B416	3'-Fluoroacetanilide, 98% PS	184
15B417	4'-Fluoroacetanilide, 98% PS	185
15B445	Iodotrimethylsilane, 98% PS	229
15B453	1-Bromo-4-Chlorobutane, 98% PS	81
15B458	1-Bromo-3-Fluorobenzene, 98% PS	84
15B481	Menadione Sodium Disulphite 3-hydrate, 95% PS	260
15B482	2,3-Dibromopropionic Acid, 98% PS	141
15B483	Ammonium Lactate solution 70% w/w PS	51
15B501	4-Methoxybenzoic Acid, 99% PS	267
15B512	L-Cysteine, 99% PS	137
15B516	1-Fluoro-4-Nitrobenzene, 99% PS	187
15B523	1,3-Dimethyl-2-Imidazolidinone, 98% PS	160
15B530	1-Adamantanol, 99% PS	30
15B547	2,4-Difluoroaniline, 99% PS	152
15B554	2,6-Dichlorobenzonitrile, 97% PS	144
15B558	2-Acetyl-6-Methoxynaphthalene, 98% PS	28
15B559	2-Adamantanone, 98% PS	30
15B560	2-Amino-2',5-Dichlorobenzophenone, 99% PS	38
15B563	2-Amino-4-Nitrophenol, 98% PS	39
15B564	2-Amino-5-Chlorobenzoic Acid, 98% PS	38
15B565	2-Amino-5-Fluorobenzoic Acid, 97% PS	38
15B568	2-Amino-6-Chloropurine, 99% PS	38
15B569	2-Amino-6-Methoxybenzothiazole, 98% PS	39
15B571	2-Aminobenzothiazole, 97% PS	38
15B577	2-Bromobenzoic Acid, 99% PS	80
15B584	2-(Dimethylamino) Isopropyl Chloride Hydrochloride, 98% PS	157
15B585	1-Fluoro-2-Nitrobenzene, 99% PS	187
15B588	2-Hydroxyisobutyric Acid, 99% PS	223
15B604	3,5-Dihydroxybenzoic Acid, 99% PS	153
15B611	3-Chloro-4-Fluoroaniline, 98% PS	120
15B616	3-(Trifluoromethyl) Phenol, 98% PS	458
15B626	4-Aminobenzoic Acid, 99% PS	37
15B629	4-Benzoylbiphenyl, 98% PS	70
15B633	4-Chloro-3,5-Dinitrobenzoic Acid, 99% PS	120
15B634	4-Chlorobenzenesulfonyl Chloride, 97% PS	118
15B635	4-Chlorobenzophenone, 99% PS	118
15B639	4-Fluorothiophenol, 98% PS	188
15B641	4-Hydroxibenzyl Alcohol, 99% PS	222
15B642	4-Hydroxyphenylacetamide, 99% PS	224
15B654	5-Bromoindole, 99% PS	84
15B656	5-Chloro-2-Benzoxazolone, 98% PS	118
15B668	Acetamidinium Chloride, 98% PS	20
15B669	Adamantane, 98% PS	30
15B672	Benzoin Ethyl Ether, 99% PS	70
15B675	Cystaminium Dichloride, 99% PS	137
15B686	Fluorene, 98% PS	184
15B687	Formamidinium Acetate, 99% PS	191
15B689	Guanine, 99% PS	201
15B690	Hydantoin, 99% PS	210
15B691	Hypoxanthine, 99% PS	225
15B692	Iminodibenzyl, 99% PS	225
15B695	myo-Inositol, 99% PS	227
15B699	Malonamide, 99% PS	256
15B711	N-(Benzyloxycarbonyloxy) Succinimide, 98% PS	73
15B718	1-Methylpiperazine, 98% PS	274
15B747	S(+)-2-Amino-1-Butanol, 98% PS	38
15B764	6-Aminohexanoic Acid, 99% PS	38
15B831	1,3-Difluoro-4-Nitrobenzene, 98% PS	153
15B834	1,3-Dichloro-4-Fluorobenzene, 99% PS	145
15B852	Sodium Malonate, 99% PS	391
15B853	3-Pyridinesulphonic Acid, 98% PS	353
15B871	Taurine, 99% PS	437
15B876	3,4-Dimethoxybenzonitrile, 98% PS	155
15B958	1,2-Difluoro-4-Nitrobenzene, 98,5% PS	153
15B992	4-Acetylbenzoic Acid, 98% PS	27
15B993	4-Benzyloxybenzaldehyde, 98% PS	72
15B994	4-Bromo-3-Nitrotoluene, 98% PS	85
15B996	4-Chlorostyrene, 98% PS	121
15B997	3-Cyanobenzaldehyde, 98% PS	134
15B999	Diethyl Suberate, 98% PS	152
15C000	Di-n-Heptyl Phthalate, 98% PS	153
15C001	2,5-Dimethylbenzoic Acid, 98% PS	157
15C003	Ethyl Phenoxyacetate, 98% PS	182
15C004	Methyl 3-Aminobenzoate, 98% PS	268
15C006	1-(4-Morpholino) Cyclohexene, 98% PS	280
15C007	5-Nitrosalicylaldehyde, 98% PS	291
15C008	4-Pentylbenzoyl Chloride, 98% PS	301
15C010	2',4',6'-Trimethylacetophenone, 98% PS	458
15C011	3-Bromo-1,2-Dimethylbenzene, 99% PS	83
15C012	4-Bromo-2-Fluoroaniline, 98% PS	83
15C017	3-Bromo-1,2-Dichlorobenzene, 98% PS	83
15C020	4-Bromo-1,2-Dichlorobenzene, 98% PS	83
15C022	4-Bromo-2,6-Dimethylaniline, 98% PS	83
15C027	2-Bromo-5-Fluorotoluene, 98% PS	84
15C028	4-Bromo-1,3-Dichlorobenzene, 98% PS	83
15C033	2-Chlorobenzyl Alcohol, 99% PS	123
15C034	2-Chloro-4-Fluorobenzaldehyde, 97% PS	120
15C035	1,3-Dibromobenzene, 97% PS	141
15C036	Dimethyl Fumarate, 98% PS	159
15C042	3',4'-Difluoroacetophenone, 98% PS	152
15C043	3',4'-Dichloroacetophenone, 98% PS	143
15C054	Ethyl 3-Iodobenzoate, 99% stabilized with copper PS	181
15C057	3'-Fluoro-4'-Methoxyacetophenone, 99% PS	187
15C060	4'-Methylacetanilide, 98% PS	268
15C061	3-Methoxy-4-Methylbenzoic Acid, 96% PS	267
15C071	SPADNS PS	405
15C073	Cholic Acid Sodium Salt, 98% PS	122
15C074	2-Methylfuran, 99% PS	272
15C075	3,4-Dichlorobenzaldehyde, 98% PS	143
15C076	3,5-Bis (Trifluoromethyl) Benzaldehyde, 98% PS	75
15C077	3-Bromo-4-Fluorobenzaldehyde, 98% PS	83
15C079	3-Fluoro-4-Methoxybenzaldehyde, 98% PS	187
15C080	3-(Trifluoromethyl) Benzaldehyde, 98% PS	457
15C081	4-(Trifluoromethoxy) Benzaldehyde, 98% PS	457
15C082	4-Bromo-2-Fluorobenzaldehyde, 96% PS	83
15C083	4-Chloro-2-Fluorobenzaldehyde, 99% PS	120
15C085	5-Bromo-2-Fluorobenzaldehyde, 98% PS	83
15C086	3,5-Difluorobenzaldehyde, 98% PS	153
15C098	N-(Phosphonomethyl) Glycine, 95% PS	313
15C136	2-Chlorocinnamic Acid, 99% PS	119
15C137	2-Nitrocinnamic Acid, 98% PS	290
15C138	2-Bromocinnamic Acid, 98% PS	82
15C139	2,3-Dimethoxycinnamic Acid, 97% PS	155
15C140	3,4-Dichlorocinnamic Acid, 97% PS	144
15C141	3-Chlorocinnamic Acid, 99% PS	119
15C142	3-Nitrocinnamic Acid, 99% PS	290
15C143	3-Bromocinnamic Acid, 98% PS	82
15C144	2,5-Dimethoxycinnamic Acid, 99% PS	155
15C145	Caffeic Acid, 99% PS	100
15C147	4-Nitrocinnamic Acid, 97% PS	290
15C148	4-Bromocinnamic Acid, 99% PS	82
15C198	Coumarin, 97% PS	132
15C201	Methyl 2-Aminobenzoate, 99% PS	268
15C275	2,4-Dimethylquinoline, 97% PS	160
15C319	Heptanoyl Chloride, 98,5% PS	204
15C337	Diethylene Glycol mono-Butyl Ether Acetate, 98% PS	149
15C357	1,1,3,3-Tetramethylurea, 99% PS	442
15C358	tert-Butylamine, 98% PS	96
15C362	1,1,1,2,3,4,4,5,5,5-Decafluoropentane, 99,5% PS	138
15C384	(1S,2S)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	493
15C385	(1R,2R)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	493
15C392	3,3'-Thiodipropionic Acid, 99% PS	442
15C413	(S)-2-Aminosuberic Acid	492
15C422	D,L-2-Aminosuberic Acid	492
15C477	(S)-1,1,2-Triphenyl-1,2-Ethanediol	494
15C478	(R)-1,1,2-Triphenyl-1,2-Ethanediol	494
15C506	Heptanoic Acid, 98,5% PS	204
15C516	(1S,2S)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	493
15C517	(1R,2R)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	492
15C588	Z-D-N-MeLeu-OH	494
15C668	(1S,2S)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	493
15C671	(1R,2R)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	493
15C686	(S)-2-Piperidino-1,1,2-Triphenylethanol	494
15C687	(R)-2-Piperidino-1,1,2-Triphenylethanol	493
15C688	(S)- 2-Amino-1,1,2-Triphenylethanol	492
15C689	(R)- 2-Amino-1,1,2-Triphenylethanol	492
15C690	(1R, 2S)-2-Phenyl-1-Cyclohexanol	493
15C691	(1S, 2R)-2-Phenyl-1-Cyclohexanol	493
15C692	(3aR*, 4R*, 7S*, 7aS*)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
15C693	(2R)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	493
15C694	(2S)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	493
15C695	(S)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester	492
15C696	(R)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester	492
15C697	(R) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	492
15C698	(S) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	492
15C699	(S, S)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	493
15C700	(R, R)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	493
15C701	(S)-Boc-2-Aminosuberic Acid	492
15C702	(S)-Fmoc-2-Aminosuberic Acid	492
15C703	Fmoc-L-2-Aminosuberic Acid, 8-tert-Butyl Ester	492
15C704	(S)-Triphenyloxirane	494
15C705	(R)-Triphenyloxirane	494
15C706	(R)-2-Aminosuberic Acid	492
15C707	(3aS, 4S, 7R, 7aR)-3a, 4, 7, 7a-Tetrahydro-2- (Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
15C708	S-2-Aminobutyramide Hydrochloride	492
15C709	(3aR, 4R, 7S, 7aS)-3a, 4, 7, 7a-Tetrahydro-2- (Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494

16 PS

161007	Acetone, 99,5% PS	24
161008	Acetic Acid glacial, 99,5% PS	20
161038	Nitric Acid fuming PS	285
161056	Sulphamic Acid, 99% PS	429
161082	1-Butanol, 99,5% PS	93
161086	Ethanol absolute, 99,5% PS	171
161089	Isobutanol, 99% PS	234
161090	2-Propanol, 99,7% PS	349
161091	Methanol, 99,5% PS	266
161147	Acetic Anhydride, 98% PS	22
161155	Phthalic Anhydride, 98% PS	316
161192	Benzene, 99,8% PS	67
161194	2-Naphthol, 99% PS	281
161199	Bromine, 99% PS	79
161201	Bromoform, 99% stabilized with ~1% of ethanol PS	84
161202	n-Butyl Acetate, 99% PS	95
161244	Carbon Disulphide, 99,5% PS	110
161250	Cyclohexane, 99,5% PS	135
161252	Trichloromethane, 99% stabilized with ethanol PS	454
161254	Dichloromethane, 99,8% stabilized with amylene PS	147
161260	Cyclohexanol, 99% PS	136
161265	Copper(I) Chloride, 95% PS	129
161277	Hexamethylenediamine, 99% PS	205
161286	1,2-Dichloroethane, 99,5% PS	145
161287	Diethanolamine, 98% PS	148
161288	Diethylamine, 99,5% PS	149
161293	4-(Dimethylamino) Benzaldehyde, 99% PS	157
161294	N,N-Dimethylaniline, 99% PS	157
161296	1,4-Dioxan, 99,5% stabilized with ~25 ppm of BHT PS	164
161314	Di-Isopropyl Ether, 99% stabilized with ~50 ppm of BHT PS	155
161315	Petroleum Ether 40-60°C PS	306
161316	Ethylene Glycol, 99% PS	179
161317	Ethylene Glycol mono-Ethyl Ether, 99% PS	180
161318	Ethyl Acetate, 99,5% PS	176
161334	Furfural, 98% stabilized with ~0,1% of BHT PS	194

161345	Heptane, alkanes mixture PS	203
161347	Hexane, 95% alkanes mixture PS	208
161351	Hydroquinone, 99% PS	222
161352	8-Hydroxyquinoline, 99% PS	225
161373	Isobutyl Acetate, 99% PS	234
161374	Isopropyl Acetate, 99% PS	238
161429	Butanone, 99,5% (Methylethylketone) PS	94
161430	4-Methyl-2-Pentanone, 99% PS	274
161435	Morpholine, 98% PS	279
161447	Nitrobenzene, 99% PS	289
161455	Tetrachloroethylene, 99,5% PS	439
161457	Pyridine, 99% PS	352
161539	Potassium O-Ethyldithiocarbonate, 98% PS	328
161603	Resorcinol, 99% PS	356
161708	Sodium Peroxide, 95% granulated PS	395
161745	Toluene, 99,5% PS	448
161749	Trichloroethylene, 99% stabilized with ethanol PS	451
161750	Triethanolamine, 98% PS	456
161769	Xylene, 98,5% mixture of isomers PS	470
161785	N,N-Dimethylformamide, 99,8% PS	159
161810	Propionic Acid, 99% PS	350
161828	Diphenylamine, 98% PS	164
161869	Ethylenediamine, 99% PS	177
161877	1-Dodecanol, 98% PS	166
161880	2,4-Pentanedione, 99% PS	300
161881	Acetonitrile, 99,7% PS	27
161883	Succinic Acid, 99% PS	428
161885	1-Propanol, 99,5% PS	347
161887	Benzaldehyde, 99% PS	66
161890	Cyclohexanone, 99,5% PS	136
161892	1,2-Dichlorobenzene, 98% PS	143
161897	Ethylene Glycol mono-Methyl Ether, 99% PS	180
161903	2-Methyl-2-Propanol, 99,7% PS	275
161924	Ethanolamine, 99% PS	174
161953	Chlorobenzene, 99,5% PS	118
161954	Dimethyl Sulphoxide, 99,5% PS	161
161955	o-Toluidine, 99% PS	449
161956	Formamide, 98% PS	191
161959	Alkylbenzyldimethylammonium Chloride, 98% PS	33
161970	Nitromethane, 98% PS	290
161977	Sodium Chlorite solution 25% w/w PS	372
162021	2-Ethyl-1-Hexanol, 99% PS	181
162023	Methyl Acetate, 99% PS	268
162031	4-Nitrophenol, 98% PS	291
162034	L-Aspartic Acid, 99% PS	61
162043	L-Alanine, 99% PS	31
162050	Tween® 80 PS	462
162054	N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS	115
162058	1,3-Dinitrobenzene, 98% PS	162
162062	n-Heptane, 99% PS	203
162064	Isooctane, 99% PS	236
162065	Indole, 99% PS	227
162096	Acetyl Chloride, 98% PS	28
162295	Benzidine, 99% PS	68
162312	Tween® 20 PS	462
162325	2,4-Dinitrophenylhydrazine, 99% moistened with ~33% of H_2O PS	162
162344	Fumaric Acid, 99% PS	193
162345	Palmitic Acid, 98% PS	296
162357	Benzoyl Peroxide, 98% humidified with ~25% of H_2O PS	69
162368	Lauric Acid, 99% PS	242
162371	2,2'-Bipyridine, 99% PS	74
162376	Phenylhydrazine, 98% PS	311
162377	Piperidine, 99% PS	317
162434	Polyethylene Glycol 200 PS	317
162435	Polyethylene Glycol 300 PS	317
162436	Polyethylene Glycol 400 PS	317
162438	Polyethylene Glycol 4000 flakes PS	318
162439	Polyethylene Glycol 6000 flakes PS	318
162441	Anthrone, 98% PS	57
162442	1-Chloro-2,4-Dinitrobenzene, 98% PS	120
162443	2,4-Dinitrophenol, 98% moistened with ~33% of H_2O PS	162
162445	2-Chlorophenol, 99% PS	121
162525	Polyethylene Glycol 1500 PS	318
162536	Imidazole, 99% PS	225
162589	Hexanoic Acid, 98% PS	208
162590	Stearic Acid, 98% PS	427
162591	Myristic Acid, 98% PS	280
162645	2-Aminobenzoic Acid, 99% (Anthranilic Acid) PS	37
162712	Sodium Azide, 99% PS	366
162720	Benzoyl Chloride, 99% PS	69
162764	Semicarbazide Hydrochloride, 99% PS	359
162767	o-Xylene, 99% PS	471
162768	m-Xylene, 98,5% PS	471
162769	p-Xylene, 99% PS	472
162770	Diethyl Ether, 99,7% stabilized with ~6 ppm of BHT PS	151
162776	Chlorotrimethylsilane, 98% PS	122
162785	Decanoic Acid, 98% PS	138
162786	Octanoic Acid, 99% PS	292
162802	Methylcyclohexane, 99% PS	271
162825	2,6-Di-tert-Butyl-4-Methylphenol, 98% PS	142
162836	3,5-Dinitrobenzoic Acid, 98% PS	162
162837	3,5-Dinitrosalicylic Acid, 98% PS	163
162842	4-Bromoaniline, 98% PS	80
162855	1-Naphthol, 99% PS	281
163054	Ethylbenzene, 99% PS	176
163080	1-Methyl-2-Pyrrolidone, 99% PS	276
163101	Trichloromethane, 99,9% stabilized with ~50 ppm of amylene PS	452
163143	Cetyl Alcohol, 97% PS	115
163145	N,N-Dimethylacetamide, 99% PS	156
163242	n-Hexane 95% PS	207
163258	Trimethyl Borate azeotrope with methanol 70:30 PS	458
163266	1,1,2-Trichlorotrifluoroethane, 99,8% (E.U.) PS	455
163309	Acrylamide, 99% PS	29
163312	tert-Butyl Methyl Ether, 99,5% PS	97
163314	Sodium Borohydride, 96% PS	368
163317	Trifluoroacetic Acid, 99% PS	457
163325	Polyethylene Glycol 6000 powder PS	318
163385	D(+)-Limonene, 95% PS	246
163386	1-Octanol, 99% PS	293
163389	Nicotinic Acid, 99% PS	284
163410	White Spirit PS	468
163520	n-Octane, 99% PS	291
163537	Tetrahydrofuran, 99,5% stabilized with ~300 ppm of BHT PS	441
163541	1,2,4-Trichlorobenzene, 98,5% PS	450
163542	Triethylamine, 99,5% PS	456
163543	2-Ethylhexanoic Acid, 99% PS	181
163646	L-Proline, 99% PS	345
163648	Cobalt(II) Chloride anhydrous, 99% PS	125
163675	Dichloromethane, 99,8% stabilized with ~0,2% of ethanol PS	147
163712	Isopropyl Myristate, 98% PS	238
163851	2-Butanol, 99% PS	93
163857	Glutaraldehyde solution 25% PS	197
163925	Polyethylene Glycol 600 PS	317
163966	Lithium, 99% metal, sticks 1 cm diam. in vaseline oil PS	246
164202	Copper(I) Iodide, 99% PS	130
164333	Acetophenone, 98% PS	27
164343	1-Chlorobutane, 99% PS	119
164446	1,1,2,2-Tetrachloroethane, 98% PS	439
164462	n-Pentane 95% PS	300
164468	Ethylene Glycol di-Methyl Ether, 99% PS	180
164527	2,2,2-Trifluoroethanol PS	457
164541	Methyl Formate, 97% PS	272
164720	Benzyl Benzoate, 99% PS	72
164852	Phenol crystallized, 99% (detached crystals) PS	308
164887	Thioacetamide, 98% PS	442
165226	4-Chloro-3-Methylphenol, 99% PS	120
165261	Isohexane, 95% PS	235
165301	Cacodylic Acid Sodium Salt 3-hydrate, 98% PS	98
165306	Platinum(IV) Chloride anhydrous, 98% PS	317
165348	Propylene Carbonate, 99% PS	351
165521	Di-n-Butyl Ether, 99% PS	142
165599	Hexamethyldisilazane, 98% PS	205
165684	Lead, 98% metal, granules PS	242
165732	Propionitrile, 99% PS	351
165794	1-Hexanol, 98% PS	208
17 RE		
171023	Hydrochloric Acid 0,1 mol/l (0,1N) RE	217
171071	Baryta Water saturated solution RE	65
171072	Bromine Water saturated solution RE	79
171073	Lime Water saturated solution RE	245
171091	Methanol according to Karl Fischer RE	266
171183	Barium Chloride solution 10% w/v RE	63
171220	Sodium Hydroxide solution 40% w/w RE	385
171386	Hydrotimetric Liquor RE	222
171422	Mercury(II) Nitrate solution 2% w/v RE	262
171434	Magnesia Mixture RE	250
171457	Pyridine (max. 0,02% water) according to Karl Fischer RE	353
171460	Silver Nitrate solution 0,5% w/v RE	362
171462	Silver Nitrate solution 2% w/v RE	362
171507	Potassium Hexacyanoferrate(II) solution 10% w/v RE	329
171516	Potassium Hydroxide solution 40% w/v RE	335
171543	Potassium Iodide solution 10% w/v RE	338
171569	Griess-Ilosvay's A Reagent RE	200
171570	Griess-Ilosvay's B Reagent RE	201
171581	Nessler's Reagent RE	282
171588	Schiff's Reagent RE	359
171659	Sodium Chloride ASTM B117-09 RE	372
171688	Sodium Hydroxide solution 10% w/v RE	386
171689	Sodium Hydroxide solution 20% w/v RE	386
171690	Sodium Hydroxide solution 30% w/v RE	386
171694	Sodium Hydroxide 0,1 mol/l (0,1N) RE	386
171747	Litmus soluble RE	249
172062	n-Heptane (ASTM) RE	203
172064	Isooctane (ASTM) RE	236
172174	Luff-Schoorl's Reagent RE	249
172308	Copper(II) Ethylenediamine Reagent RE	130
172417	o-Tolidine solution 0,1% RE	447
172429	Kjeldahl Catalyst (Cu-Se) powder RE	239
172926	Kjeldahl Catalyst (Cu-Se) (1,5% $CuSO_4.5H_2O$ + 2% Se) tablets RE	239
173163	Sulphuric Acid 98% RE	433
173253	Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE	433
173333	Vanadate-Molybdate Reagent RE	464
173347	Kjeldahl Catalyst (Hg) tablets RE	240
173348	Kjeldahl Catalyst (Se) tablets RE	240
173349	Kjeldahl Catalyst (Cu-TiO2) tablets RE	240
173350	Kjeldahl Catalyst (Cu) (0,3% in $CuSO_4.5H_2O$) tablets RE	239
173355	Carrez's Reagent I RE	113
173356	Carrez's Reagent II RE	113
173495	Peracetic Acid solution 15% w/w RE	302
173609	Potassium Dichromate solution 10% RE	327
173655	Concentrated solution for the sand equivalent determination RE	127
174230	Nessler's Reagent A RE	282
174231	Nessler's Reagent B RE	282
174249	Rhodamine B in ethanol absolute, TLC developer RE	356
174255	Ninhydrin in 2-propanol, TLC developer RE	285
174256	2',7'-Dichlorofluorescein in 2-propanol ,TLC developer RE	145
174275	Silica Gel 60, 63-200 microns RE	360
174290	Potassium Dichromate 0,02 mol/l (0,02M) RE	327
174428	Kjeldahl Catalyst (Cu) (6,25% in $CuSO_4.5H_2O$) tablets RE	239
174602	Resazurin tablets of 0,25 g RE	356
174748	Wide Spectrum Microtablets I RE	468
175054	Detergent Neutral Solution RE	140
175055	Detergent Acid Solution RE	140
175106	Ion Exchange Resin Strongly Acidic RE	229
175126	Mercury Absorbent RE	261
175145	OXI-OLEO-TEST RE	295
175154	WSCP Kit RE	468
175164	OXI-OLEO-TEST Refill RE	295
175166	WSCP Kit Refill RE	469
175208	Pepsin 1:10.000 NF RE	301
175305	Sodium Chloride solution ASTM B117-09 RE	372
175307	Buffer for Fungal Falling Number RE	87
175349	Molecular Sieve 3A (2 mm diameter particle) RE	278
175350	Molecular Sieve 4A RE	278
175351	Molecular Sieve 5A (2 mm diameter particle) RE	279
175352	Molecular Sieve 10A (2 mm diameter particle) RE	279
175387	Wide Spectrum Microtablets II RE	468
175429	Ammonium Acetate 1M buffered to pH=7, extractant solution RE	44
175506	Sodium Plumbite solution (Doctor solution) RE	396
175567	Hydrochloric Acid 10 g/l RE	216
175570	Kjeldahl Catalyst (Cu-Se) (9% $CuSO_4.5H_2O$ + 0,9% Se) tablets RE	240
175630	Patent Blue V solution 0,5% w/v RE	298
175631	Tartrazine solution 0,5 % w/v RE	437
175639	Kjeldahl Catalyst (Cu) (9% in $CuSO_4.5H_2O$) tablets RE	239
175677	Mercury Spillage Kit RE	263
175723	Patent Blue V solution 5% w/v RE	298
175772	Celite Hyflo Super Cel ® RE	113
176131	Azidiol RE	62
176166	Lanthanum Matrix Modifier RE	259
176167	Buffer Solution Aluminium Nitrate/ Cesium Chloride RE	87
176168	Buffer Solution Cesium Chloride/ Lanthanum Chloride RE	87
176169	Phosphate Matrix Modifier RE	259
176170	Magnesium Matrix Modifier RE	259
176191	Sulphuric Acid 0,13 mol/l (0,26N) RE	434
176408	Liquid Pepsin RE	301
176418	Reagent of heavy metals A RE	355
176448	Silica Gel 60, *40-63 microns RE	360
176457	Formol Absorbent RE	192
18 SV		
181009	Acetic Acid 1 mol/l (1N) SV	21
181011	Acetic Acid 0,1 mol/l (0,1N) SV	21
181021	Hydrochloric Acid 1 mol/l (1N) SV	217
181022	Hydrochloric Acid 0,5 mol/l (0,5N) SV	217
181023	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217
181039	Nitric Acid 1 mol/l (1N) SV	288
181040	Nitric Acid 0,1 mol/l (0,1N) SV	288
181042	Oxalic Acid 0,5 mol/l (1N) SV	295
181043	Oxalic Acid 0,05 mol/l (0,1N) SV	295
181046	Perchloric Acid 0,1 mol/l (0,1N) n acetic acid SV	304
181047	Perchloric Acid 0,1 mol/l (0,1N) in 1,4-dioxan SV	304
181059	Sulphuric Acid 0,5 mol/l (1N) SV	434
181060	Sulphuric Acid 0,25 mol/l (0,5N) SV	434
181061	Sulphuric Acid 0,05 mol/l (0,1N) SV	434
181132	Ammonia 1 mol/l (1N) SV	43
181144	Ammonium Thiocyanate 0,1 mol/l (0,1N) SV	54
181152	Sodium meta-Arsenite 0,05 mol/l (0,1N) SV	366
181184	Barium Chloride 0,1 mol/l (0,1M) SV	64

181249	Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV	114
181271	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132
181367	Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV	51
181369	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50
181405	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255
181424	Mercury(II) Nitrate 0,05 mol/l (0,1N) SV	262
181425	Mercury(II) Nitrate 0,01 mol/l (0,02N) SV	262
181464	Silver Nitrate 0,1 mol/l (0,1N) SV	362
181465	Silver Nitrate 0,02 mol/l (0,02N) SV	362
181488	Potassium Bromate 1/60 mol/l (0,1N) SV	321
181501	Potassium Dichromate 1/6 mol/l (1N) SV	328
181502	Potassium Dichromate 1/60 mol/l (0,1N) SV	327
181504	Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV	330
181517	Potassium Hydroxide 1 mol/l (1N) SV	336
181518	Potassium Hydroxide 0,5 mol/l (0,5N) SV	336
181519	Potassium Hydroxide 0,5 mol/l (0,5N) ethanolic SV	336
181520	Potassium Hydroxide 0,5 mol/l (0,5N) methanolic SV	336
181521	Potassium Hydroxide 0,1 mol/l (0,1N) SV	335
181528	Potassium Permanganate 0,2 mol/l (1N) SV	342
181529	Potassium Permanganate 0,02 mol/l (0,1N) SV	341
181535	Potassium Thiocyanate 0,1 mol/l (0,1N) SV	345
181541	Potassium Iodate 0,05 mol/l (0,3N) SV	337
181544	Potassium Iodide 0,1 mol/l (0,1N) SV	338
181584	Sodium Hydroxide 0,04 mol/l (0,04N) SV	386
181649	Sodium Carbonate 0,5 mol/l (1N) SV	370
181661	Sodium Chloride 0,1 mol/l (0,1N) SV	372
181670	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178
181671	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178
181691	Sodium Hydroxide 1 mol/l (1N) SV	387
181692	Sodium Hydroxide 0,5 mol/l (0,5N) SV	387
181693	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
181694	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
181722	Sodium Thiosulphate 1 mol/l (1N) SV	402
181723	Sodium Thiosulphate 0,1 mol/l (0,1N) SV	402
181772	Iodine 0,05 mol/l (0,1N) SV	228
181789	Zinc Sulphate 0,1 mol/l (0,1M) SV	477
181969	Iodine 0,01 mol/l (0,02N) SV	228
182000	Bromine (Bromate-Bromide) 0,05 mol/l (0,1N) SV	79
182011	Sulphuric Acid 0,1 mol/l (0,2N) SV	434
182057	Hydrochloric Acid 3 mol/l (3N) SV	218
182102	Sulphuric Acid 0,01 mol/l (0,02N) SV	434
182103	Sulphuric Acid 0,025 mol/l (0,05N) SV	434
182105	Sulphuric Acid 1 mol/l (2N) SV	435
182106	Sulphuric Acid 2,5 mol/l (5N) SV	435
182107	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217
182108	Hydrochloric Acid 2 mol/l (2N) SV	217
182109	Hydrochloric Acid 5 mol/l (5N) SV	218
182111	Nitric Acid 0,5 mol/l (0,5N) SV	288
182112	Nitric Acid 2 mol/l (2N) SV	288
182114	Potassium Permanganate 0,01 mol/l (0,05N) SV	341
182115	Silver Nitrate 0,05 mol/l (0,05N) SV	363
182116	Silver Nitrate 1 mol/l (1N) SV	363
182118	Acetic Acid 0,5 mol/l (0,5N) SV	21
182120	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
182123	Oxalic Acid 0,025 mol/l (0,05N) SV	294
182126	Ammonium Thiocyanate 1 mol/l (1N) SV	55
182131	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65
182136	Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV	114
182138	Mercury(II) Nitrate 0,005 mol/l (0,01N) SV	262
182142	Potassium Dichromate 1/24 mol/l (0,25N) SV	328
182145	Potassium Hydroxide 2 mol/l (2N) SV	336
182146	Potassium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	335
182147	Potassium Hydroxide 0,1 mol/l (0,1N) methanolic SV	335
182153	Sodium Hydroxide 0,05 mol/l (0,05N) SV	386
182155	Sodium Hydroxide 0,25 mol/l (0,25N) SV	387
182156	Sodium Hydroxide 0,3546 mol/l (N/2,82) SV	387
182158	Sodium Hydroxide 2 mol/l (2N) SV	388
182159	Sodium Hydroxide 5 mol/l (5N) SV	388
182160	Sodium Thiosulphate 0,05 mol/l (0,05N) SV	402
182161	Iodine 0,025 mol/l (0,05N) SV	228
182162	Iodine 0,5 mol/l (1N) SV	228
182163	Zinc Sulphate 0,05 mol/l (0,05M) SV	477
182251	Potassium Chloride 0,1 mol/l (0,1N) SV	324
182252	Potassium Chloride 1 mol/l (1N) SV	324
182256	Potassium Iodide 1 mol/l (1N) SV	338
182265	Sodium Hydroxide 1 mol/l (1N) ethanolic SV	388
182284	Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	387
182292	Sodium Thiocyanate 0,1 mol/l (0,1N) SV	401
182296	Sodium Hydroxide 0,025 mol/l (0,025N) SV	386
182318	Hydrochloric Acid 0,25 mol/l (0,25N) SV	217
182415	Sodium Hydroxide 1 mol/l (1N) SV	388
182564	Silver Nitrate 0,01 mol/l (0,01N) SV	362
182577	Sodium Thiosulphate 0,01 mol/l (0,01N) SV	402
182651	Potassium Permanganate 0,1 mol/l (0,5N) SV	341
182792	Sodium Dodecyl Sulphate 0,004 mol/l SV	376
182806	Potassium Iodate 1/60 mol/l (0,1N) SV	337
182884	Hydrochloric Acid 0,01 mol/l (0,01N) SV	217
182914	Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV	402
182915	Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV	228
182971	Sodium Hydroxide 0,2 mol/l (0,2N) SV	387
183141	Benzethonium Chloride 0,004 mol/l (0,004M) SV	68
183154	Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV	387
183335	Sulphuric Acid 0,1275 mol/l (0,255N) SV	434
183336	Potassium Hydroxide 0,1 mol/l (0,1N) in 2-propanol SV	335
183337	Sodium Hydroxide 0,313 mol/l (0,313N) SV	387
183354	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336
183397	Sodium Hydroxide 0,02 mol/l (0,02N) SV	386
183466	Sodium Hydroxide 4 mol/l (4N) SV	388
183489	Sodium Thiosulphate 0,2 mol/l (0,2N) SV	402
183669	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV	438
183706	Sodium Acetate 0,1 mol/l (0,1N) in acetic acid SV	365
183878	Hydrochloric Acid 0,3571 mol/l (N/2,8) SV	217
183879	Hydrochloric Acid 3,571 mol/l (3,571N) SV	218
184385	Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
184438	Potassium Hydroxide 1 mol/l (1N) ethanolic SV	336
184489	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178
184770	Sodium Chloride 1 mol/l (1N) SV	372
185225	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV	439
185227	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50
185310	Perchloric Acid 1 mol/l (1N) SV	304
185314	Sulphuric Acid 4 mol/l (8N) SV	435
185423	Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV	217
185836	Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
186228	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68
186364	Sulphuric Acid 5 mol/l (10N) SV	435
19 CODEX		
191066	L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.) CODEX	437
191086	Ethanol absolute (USP, BP, Ph. Eur.) CODEX	171
191101	Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX	36
191170	Methylene Blue (C.I. 52015) (USP) CODEX	271
191232	Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX	103
191302	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol (BP, Ph. Eur.) CODEX	461
191303	Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX	445
191318	Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX	175
191394	Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX	251
191396	Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX	251
191403	Gentian Violet hydroalcoholic solution 1% (C.I. 42555) (USP) CODEX	195
191410	Manganese(II) Chloride 4-hydrate (USP) CODEX	257
191486	Potassium Hydrogen Tartrate *(USP) CODEX	334
191490	Potassium Carbonate (USP, BP, Ph. Eur.) CODEX	323
191494	Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX	324
191716	Sodium Sulphate anhydrous *(RFE, USP, BP, Ph. Eur.) CODEX	399
191717	Sodium Sulphite anhydrous (RFE, BP, Ph. Eur.) CODEX	400
191750	Triethanolamine (BP, Ph. Eur.) CODEX	456
191754	Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX	463
191786	Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX	475
191931	Iodine solution ~7% in ethanol 85% (USP) CODEX	227
191932	Iodine solution ~2% in ethanol 50% (USP) CODEX	227
191937	Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX	142
191954	Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEX	161
191959	Alyklbenzyldimethylammonium Chloride (USP-NF) CODEX	33
192372	Diethyl Phthalate (USP-NF, BP, Ph. Eur.) CODEX	152
192695	Ethanol 70% v/v (BP) CODEX	173
192756	Sodium Selenite anhydrous (BP) CODEX	397
192770	Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX	151
192786	Octanoic Acid (RFE, BP, Ph. Eur.) CODEX	292
196454	Sodium Caprylate *(Ph. Eur., BP) CODEX	369
20 ADITIO		
201003	Vaseline Oil (F.C.C.) ADITIO	465
201007	Acetone (F.C.C.) ADITIO	24
201008	Acetic Acid glacial (E-260, F.C.C.) ADITIO	20
201013	L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO	61
201014	Benzoic Acid (E-210, F.C.C.) ADITIO	69
201018	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO	125
201020	Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO	214
201029	Formic Acid 85% (F.C.C.) ADITIO	192
201030	Formic Acid 98% (F.C.C.) ADITIO	192
201032	ortho-Phosphoric Acid 85% (F.C.C.) ADITIO	314
201034	L(+)-Lactic Acid (F.C.C.) ADITIO	240
201055	Sorbic Acid (E-200, F.C.C.) ADITIO	403
201058	Sulphuric Acid 95-98% (F.C.C.) ADITIO	432
201065	Tannic Acid (F.C.C.) ADITIO	436
201066	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO	437
201076	Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO	221
201081	Benzyl Alcohol (E-1519, F.C.C.) ADITIO	72
201082	1-Butanol (F.C.C.) ADITIO	93
201085	Ethanol 96% v/v (F.C.C.) ADITIO	172
201086	Ethanol absolute (F.C.C.) ADITIO	171
201089	Isobutanol (F.C.C.) ADITIO	233
201090	2-Propanol (F.C.C.) ADITIO	349
201091	Methanol (F.C.C.) ADITIO	266
201103	Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO	36
201116	Ammonium Hydrogen Carbonate (E-503ii, F.C.C.) ADITIO	48
201119	Ammonium Carbonate (E-503i, F.C.C.) ADITIO	45
201121	Ammonium Chloride (F.C.C.) ADITIO	46
201126	Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO	49
201127	di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO	48
201129	Ammonia 25% (as NH3) ADITIO	41
201130	Ammonia 30% (as NH3) (E-527, F.C.C.) ADITIO	41
201140	Ammonium Sulphate (E-517, F.C.C.) ADITIO	53
201202	n-Butyl Acetate (F.C.C.) ADITIO	95
201211	Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO	101
201212	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO	103
201213	tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO	104
201214	Calcium Chloride 6-hydrate (E-509) ADITIO	104
201225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO	102
201226	Calcium Hydrogen Phosphate 2-hydrate (E-341ii, F.C.C.) ADITIO	105
201227	Calcium Hydrogen Phosphate anhydrous (E-341ii, F.C.C.) ADITIO	105
201228	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO	107
201230	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106
201232	Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO	104
201235	Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO	108
201237	Charcoal Activated powder (E-153, F.C.C.) ADITIO	115
201254	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147
201276	Magnesium Oxide (F.C.C.) ADITIO	253
201303	Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO	445
201318	Ethyl Acetate (F.C.C.) ADITIO	175
201319	Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO	181
201339	Glycerol (E-422, F.C.C.) ADITIO	198
201340	Glycine (E-640, F.C.C.) ADITIO	200
201341	D(+)-Glucose anhydrous (F.C.C.) ADITIO	196
201362	Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO	232
201375	Lactose 1-hydrate (F.C.C.) ADITIO	241
201395	Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO	252
201396	Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO	252
201399	tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO	254
201404	Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO	254
201410	Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO	257
201413	Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO	259

201429	Butanone (Methylethylketone) (F.C.C.) ADITIO	94
201479	Potassium Acetate (E-261) ADITIO	320
201480	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO	330
201486	Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO	334
201487	Potassium Bromate (F.C.C.) ADITIO	321
201490	Potassium Carbonate (E-501i, F.C.C.) ADITIO	323
201492	tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO	326
201494	Potassium Chloride (E-508, F.C.C.) ADITIO	324
201505	Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO	329
201509	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO	332
201512	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO	331
201513	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO	342
201515	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO	335
201522	Potassium Disulphite (E-224, F.C.C.) ADITIO	328
201524	Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO	339
201531	Potassium Sorbate (E-202, F.C.C.) ADITIO	343
201532	Potassium Sulphate (E-515i, F.C.C.) ADITIO	344
201540	Potassium Iodate (F.C.C.) ADITIO	337
201542	Potassium Iodide (F.C.C.) ADITIO	338
201545	1,2-Propanediol (E-1520, F.C.C.) ADITIO	346
201632	Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO	365
201633	Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO	364
201637	Sodium Benzoate (E-211, F.C.C.) ADITIO	366
201638	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO	379
201647	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO	370
201648	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO	369
201654	di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO	379
201655	tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO	373
201656	tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO	374
201659	Sodium Chloride (F.C.C.) ADITIO	372
201665	Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO	378
201669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO	178
201677	Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO	383
201678	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO	381
201679	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	380
201680	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO	395
201683	Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO	378
201684	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO	396
201687	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO	384
201698	Sodium Disulphite (E-223, F.C.C.) ADITIO	375
201702	Sodium Nitrate (E-251, F.C.C.) ADITIO	392
201703	Sodium Nitrite (E-250, F.C.C.) ADITIO	392
201709	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO	383
201710	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO	397
201711	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO	396
201715	Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO	399
201716	Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO	399
201717	Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO	400
201719	Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO	401
201721	Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO	402
201729	Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO	343
201733	Talc washed (E-553b, F.C.C.) ADITIO	436
201786	Zinc Oxide (F.C.C.) ADITIO	475
201787	Zinc Sulphate 7-hydrate (F.C.C.) ADITIO	476
201788	Zinc Sulphate 1-hydrate (F.C.C.) ADITIO	476
201792	Agar (E-406, F.C.C.) ADITIO	31
201808	Citric Acid anhydrous (E-330, F.C.C.) ADITIO	124
201810	Propionic Acid (E-280, F.C.C.) ADITIO	350
201818	Calcium Stearate (E-470a, F.C.C.) ADITIO	108
201855	Potassium Nitrite (E-249, F.C.C.) ADITIO	339
201877	1-Dodecanol (F.C.C.) ADITIO	166
201883	Succinic Acid (E-363, F.C.C.) ADITIO	428
201922	Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO	199
201927	Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO	252
201962	Propyl Gallate (E-310, F.C.C.) ADITIO	351
201965	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO	382
202028	Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO	50
202029	Magnesium Stearate (E-470b, F.C.C.) ADITIO	254
202032	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO	370
202034	L-Aspartic Acid (F.C.C.) ADITIO	61
202042	L-Glutamic Acid (E-620, F.C.C.) ADITIO	197
202043	L-Alanine (F.C.C.) ADITIO	31
202046	L-Leucine (F.C.C.) ADITIO	245
202047	L-Phenylalanine (F.C.C.) ADITIO	310
202048	Vanillin (F.C.C.) ADITIO	465
202050	Tween® 80 (E-433) ADITIO	462
202051	DL-Malic Acid (E-296, F.C.C.) ADITIO	256
202060	Gelatine 80-100 Blooms ADITIO	195
202061	Arabic Gum powder (E-414, F.C.C.) ADITIO	59
202067	D(-)-Mannitol (E-421, F.C.C.) ADITIO	259
202101	Titanium(IV) Oxide (E-171, F.C.C.) ADITIO	446
202312	Tween® 20 (E-432) ADITIO	462
202333	di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.) ADITIO	332
202342	Adipic Acid (E-355, F.C.C.) ADITIO	30
202344	Fumaric Acid (E-297, F.C.C.) ADITIO	193
202345	Palmitic Acid (E-570, F.C.C.) ADITIO	296
202357	Benzoyl Peroxide humidified with ~25% of H_2O (F.C.C.) ADITIO	71
202363	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376
202400	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO	106
202416	Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO	112
202422	DL-Aspartic Acid (F.C.C.) ADITIO	61
202475	Siliceous Earth purified and calcined (F.C.C.) ADITIO	361
202507	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO	381
202512	Stearic Acid 50 (fatty acids mixture) (E-570, F.C.C.) ADITIO	438
202515	Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO	427
202695	Ethanol 70% v/v ADITIO	173
202728	D(-)-Fructose (F.C.C.) ADITIO	193
202786	Octanoic Acid (E-570, F.C.C.) ADITIO	292
202824	Calcium Chloride solution 45% w/w (as $CaCl_2.2H_2O$) (E-509, F.C.C.) ADITIO	104
202825	2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.) ADITIO	142
202880	L-Isoleucine (F.C.C.) ADITIO	235
202882	L-Methionine (F.C.C.) ADITIO	267
202912	Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO	50
203064	D(-)-Sorbite (E-420i, F.C.C.) ADITIO	405
203140	D(+)-Glucose 1-hydrate (F.C.C.) ADITIO	197
203209	Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO	297
203238	Calcium Propionate (E-282, F.C.C.) ADITIO	107
203290	Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO	105
203307	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO	391
203332	Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO	272
203385	D(+)-Limonene (F.C.C.) ADITIO	246
203464	L-Arginine (F.C.C.) ADITIO	59
203645	L-Cystine (E-921, F.C.C.) ADITIO	137
203646	L-Proline (F.C.C.) ADITIO	345
203865	Sodium L(+)-Ascorbate (E-301, F.C.C) ADITIO	366
203922	Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO	112
203977	D(+)-Biotin (F.C.C.) ADITIO	73
204233	2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO	96
204321	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO	342
204333	Acetophenone (F.C.C.) ADITIO	29
204395	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO	102
204441	Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO	112
204621	Paraffin M.P. 60-65°C (F.C.C.) ADITIO	297
204644	DL–α–Tocopherol (E-307, F.C.C.) ADITIO	446
204764	L-Lysine mono-Hydrochloride (F.C.C.) ADITIO	250
204954	Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO	103
205044	L-Valine (F.C.C.) ADITIO	464
205522	Sodium Stearate (E-470a) ADITIO	398
206075	Polysorbate 80 (E-433) ADITIO	319
206076	Polysorbate 20 (E-432) ADITIO	318
206158	Polysorbate 40 (E-434) ADITIO	319
206159	Polysorbate 60 (E-435) ADITIO	319
206160	Polysorbate 65 (E-436) ADITIO	319
206392	Urea pearls, (E-927b, F.C.C.) ADITIO	464
206401	Potassium Nitrate with anticaking (F.C.C.) ADITIO	339
20B216	Folic Acid (F.C.C.) ADITIO	189

21 QP		
211007	Acetone QP	24
211008	Acetic Acid glacial QP	21
211020	Hydrochloric Acid 37% QP	214
211032	ortho-Phosphoric Acid 85% QP	314
211058	Sulphuric Acid 96% QP	433
211066	L(+)-Tartaric Acid QP	437
211077	Hydrogen Peroxide 33% w/v (110 vol.) stabilized QP	220
211087	Aluminium Potassium Sulphate dry, powder QP	36
211090	2-Propanol QP	350
211129	Ammonia 25% (as NH3) QP	41
211142	Ammonium Sulphite 1-hydrate QP	54
211149	Aluminium Silicate QP	36
211153	Chromium(VI) Oxide QP	123
211158	Antimony(III) Oxide QP	57
211160	Sea Sand washed, thin grain QP	359
211161	Sea Sand washed, thick grain QP	359
211211	Calcium Acetate x-hydrate QP	101
211212	Calcium Carbonate precipitated QP	103
211221	Calcium Chloride anhydrous QP	103
211229	Calcium Hydroxide native, powder QP	106
211234	Calcium Oxide natural, pieces QP	107
211237	Charcoal Activated powder QP	115
211238	Charcoal Activated granulated n° 1 QP	115
211239	Charcoal Activated granulated n° 2 QP	115
211240	Charcoal Activated granulated n° 3 QP	115
211241	Charcoal Animal powder QP	115
211243	Charcoal Vegetal powder QP	116
211250	Cyclohexane QP	135
211252	Trichloromethane stabilized with ethanol QP	454
211254	Dichloromethane stabilized with amylene QP	147
211276	Magnesium Oxide QP	253
211278	Collodion solution 4-8% QP	127
211279	Collodion flexible QP	127
211302	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol QP	461
211328	Formaldehyde 35-40% w/v stabilized with methanol QP	190
211335	Silica Gel 3-6 mm with indicator (with cobalt chloride) QP	360
211339	Glycerol QP	199
211359	Iron(III) Chloride 30% aqueous solution QP	230
211376	Glass Wool washed QP	196
211395	Magnesium Hydroxide Carbonate 5-hydrate QP	253
211396	Magnesium Chloride 6-hydrate QP	252
211408	Manganese(IV) Oxide QP	258
211490	Potassium Carbonate QP	323
211494	Potassium Chloride QP	324
211511	Paraformaldehyde tablets ~1g QP	298
211514	Potassium Hydroxide 90% flakes QP	335
211571	Sodium Hydroxide solution 50% w/v QP	385
211628	Silicone antifoaming liquid (ORG) QP	361
211629	Silicone heat resistant liquid QP	361
211630	Silicone paste A QP	361
211631	Silicone paste B QP	361
211632	Sodium Acetate 3-hydrate QP	365
211642	Sodium Hydrogen Sulphite solution 40% w/v QP	383
211659	Sodium Chloride QP	372
211679	di-Sodium Hydrogen Phosphate anhydrous QP	380
211682	Sodium Sulphide x-hydrate QP	399
211685	Sodium Dithionite QP	376
211686	Sodium Hydroxide flakes QP	384
211687	Sodium Hydroxide pellets QP	384
211700	Sodium meta-Periodate QP	394
211714	Sodium Silicate neutral solution QP	398
211745	Toluene QP	448
211757	Vaseline Soft QP	466
211769	Xylene, mixture of isomers QP	470
211777	Zinc Hydroxide Carbonate QP	474
211794	Magnesium Chloride ~50% MgCl2 powder QP	252
211818	Calcium Stearate QP	108
211835	Pumice Stone granules QP	352
211841	Magnesium metal, ribbon QP	250
211890	Cyclohexanone QP	136
211895	Zinc Stearate QP	475
211921	Sodium Hypochlorite solution 10% w/v QP	389
211934	Iron metal, fine granulated QP	229
211935	Iron metal, thick granulated QP	229
211939	Sodium Chloride coarse salt QP	372
211959	Alkylbenzyldimethylammonium Chloride QP	33
212012	Sodium Hexafluorosilicate QP	378
212029	Magnesium Stearate QP	254
212085	Eucalyptol QP	182
212101	Titanium(IV) Oxide QP	446
212236	Water Deionized QP	467
212297	Sodium Hypochlorite solution 5% w/v QP	389
212316	Brij ® 35 QP	78
212375	Iron(III) Oxide QP	231
212475	Siliceous Earth purified and calcined QP	361
212486	Magnesium Sulphate anhydrous QP	254

212520	General Absorbent QP	195
212646	Copper(II) Pyrophosphate x-hydrate QP	131
212722	Antimony metal, pieces QP	57
212724	Bismuth(III) Oxide QP	75
212770	Diethyl Ether stabilized with ~6 ppm of BHT QP	151
212778	Soda Lime with indicator QP	364
212800	Ethanol 96% v/v partially denatured QP	173
212801	Ethanol absolute partially denatured QP	171
212805	Sweet Almonds Oil QP	435
212921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP	360
213041	Zinc Sulphide QP	477
213070	Hydrofluoric Acid 40% QP	220
213168	Iodine crude QP	227
213206	Paraffin M.P. ~42-44°C pieces QP	296
213255	Nitric Acid 65% QP	288
213648	Cobalt(II) Chloride anhydrous QP	125
213973	Ethanol 96% v/v totally denatured QP	173
214632	Embalming Mixture QP	167
215286	Petroleum Ether 190-250°C QP	307
215295	Iron(II) Sulphate ~1-hydrate QP	231
215501	Bismuth metal, needles QP	74
215756	Potassium Hexafluorophosphate QP	330
216241	Silicone antifoaming liquid (AQ) QP	361
22 PAI (HPLC-gradient)		
221074	Water (HPLC-gradient grade) PAI	466
221086	Ethanol absolute (HPLC-gradient grade) PAI	169
221090	2-Propanol (HPLC-gradient grade-UV-IR) PAI	348
221091	Methanol (HPLC-gradient grade) PAI-ACS	264
221881	Acetonitrile (HPLC-gradient grade) PAI-ACS	25
24 EQP-ACS-ISO		
241014	Benzoic Acid EQP	69
241151	Arsenic(III) Oxide EQP-ACS	60
241459	Silver Nitrate EQP-ACS-ISO	362
241481	Potassium Hydrogen Phthalate EQP-ACS-ISO	333
241487	Potassium Bromate EQP-ACS-ISO	321
241494	Potassium Chloride EQP-ACS-ISO	323
241500	Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO	326
241540	Potassium Iodate EQP-ACS-ISO	337
241648	Sodium Carbonate anhydrous EQP-ACS-ISO	369
241659	Sodium Chloride EQP-ACS-ISO	371
241706	di-Sodium Oxalate EQP-ACS	393
241719	Sodium Tartrate 2-hydrate EQP-ACS	400
241786	Zinc Oxide EQP-ACS	474
241940	Tris (Hydroxymethyl) Aminomethane EQP-ACS	459
242697	Potassium Hydrogen Diiodate EQP-ACS	330
25 DC		
251001	Cedar Wood Oil DC	113
251002	Immersion Oil DC	225
251008	Acetic Acid glacial DC	21
251049	Picric Acid saturated solution DC	316
251063	Sulphuric Acid 1/3 mol/l (2/3N) DC	434
251084	Ethanol-Diethyl Ether 1:1 DC	174
251085	Ethanol 96% v/v DC	173
251086	Ethanol absolute DC	171
251162	Auramine O (C.I. 41000) DC	61
251165	Bromophenol Blue DC	86
251167	Bromothymol Blue DC	86
251169	Brilliant Cresyl Blue (C.I. 51010) DC	78
251170	Methylene Blue (C.I. 52015) DC	271
251171	Methylene Blue Alkali DC	271
251172	Methylene Blue Phenicated DC	272
251176	Toluidine Blue O (C.I. 52040) DC	449
251177	Victoria Blue B (C.I. 44045) DC	466
251178	Azur II (C.I. 52010+52015) DC	62
251179	Canada Balsam DC	109
251193	Gum Benzoin tincture solution 1:10 DC	201
251246	Indigo Carmine (C.I. 73015) DC	226
251283	Creatinine DC	132
251299	Eosin Yellowish (C.I. 45380) DC	168
251301	Eosin Yellowish hydroalcoholic solution 1% DC	168
251324	Orcein DC	293
251331	Fuchsin Acid (C.I. 42685) DC	193
251332	Fuchsin Basic (C.I. 42510) DC	193
251333	Fuchsin Basic-Carbol solution according to Ziehl DC	193
251336	Gelatine Gold DC	195
251337	Azur-Eosin-Methylene Blue dye according to Giemsa DC	62
251338	Azur-Eosin-Methylene Blue solution according to Giemsa (slow) DC	62
251344	Hematoxylin (C.I. 75290) DC	201
251355	Sodium Citrate solution 3,8% DC	374
251377	Eosin-Methylene Blue dye according to Leishman DC	167
251378	Eosin-Methylene Blue solution according to Leishman DC	167
251389	Hayem's Liquor DC	201
251390	Türck's Liquor DC	461
251415	Eosin-Methylene Blue dye according to May Grünwald DC	167
251416	Eosin-Methylene Blue solution according to May Grünwald DC	167
251550	Benedict's Reagent qualitative DC	66
251551	Benedict's Reagent quantitative DC	66
251560	Esbach's Reagent DC	169
251563	Fehling's A Reagent DC	183
251564	Fehling's B Reagent DC	183
251565	Folin's A Reagent cuprotartaric DC	189
251566	Folin's B Reagent phosphotungstic-molybdic DC	189
251567	Folin-Ciocalteu's Reagent DC	189
251568	Folin-Denis' Reagent DC	190
251579	Meyer's Reagent DC	278
251580	Millon's Reagent DC	278
251585	Pandy's Reagent DC	296
251588	Schiff's Reagent DC	359
251589	Schlesinger's Reagent DC	359
251591	Resazurin DC	355
251604	Rhodamine B (C.I. 45170) DC	356
251611	Congo Red (C.I. 22120) DC	128
251618	Methyl Red solution 0,1% DC	276
251619	Neutral Red (C.I. 50040) DC	282
251622	Safranine O (C.I. 50240) DC	357
251623	Safranine O solution 0,2% DC	358
251704	Methyl Green (C.I. 42585) DC	272
251707	di-Sodium Oxalate 0,1 mol/l (0,1M) DC	393
251731	Sudan III (C.I. 26100) DC	429
251734	Tartrazine (C.I. 19140) DC	437
251742	Thionin (C.I. 52000) DC	442
251758	Brilliant Green (C.I. 42040) DC	78
251761	Malachite Oxalate Green (C.I. 42000) DC	255
251762	Crystal Violet (C.I. 42555) DC	133
251763	Crystal Violet solution 2% DC	133
251765	Gentian Violet (C.I. 42535+42555) DC	195
251766	Gentian Violet Phenique DC	195
251767	Eosin-Methylene Blue dye according to Wright DC	168
251768	Eosin-Methylene Blue solution according to Wright DC	168
251769	Xylene, mixture of isomers DC	470
251774	Lugol's Liquor DC	249
251803	Alcohol-Acetone 7:3 DC	32
251804	Alcohol-Hydrochloric 8:2 DC	32
251814	Orange II (C.I. 15510) DC	293
251820	Biuret's Reagent DC	75
251824	Carmine (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC	112
251837	Lactophenol DC	241
251858	Sudan IV (C.I. 26105) DC	429
251917	Carnoy's Fixing DC	113
251993	Orcein solution A hydroacetic-hydrochloric solution DC	293
251994	Orcein solution B hydroacetic solution DC	294
252036	Amido Black 10B (C.I. 20470) DC	37
252069	Sudan Black B (C.I. 26150) DC	429
252079	Methyl Violet (C.I. 42535) DC	277
252081	Phloxine B (C.I. 45410) DC	313
252138	Mercury(II) Nitrate 0,005 mol/l (0,01N) DC	262
252164	Buffer Solution pH 7,2 DC	91
252195	Copper(II) Sulphate solution d.1,050 DC	131
252311	o-Toluidine solution 6% DC	449
252317	Brij ® 35 aqueous solution 30% w/v DC	78
252321	Acridine Orange (C.I. 46005) DC	29
252339	Brilliant Green aqueous solution 5% DC	78
252373	Trichloroacetic Acid solution 20% w/v DC	450
252419	Azur C (C.I. 52002) DC	62
252531	Safranine O solution according to Gram-Hucker DC	358
252532	Crystal Violet Oxalate solution according to Gram-Hucker DC	133
252533	Safranine O solution 1% DC	358
252782	Eosin Bluish (C.I. 45400) DC	167
252908	Kovacs' Reagent DC	240
252913	Paraffin M.P. 56-58°C plasticized pellets DC	297
252931	Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC	190
252974	Gill's Hematoxylin I solution DC	196
252998	Gill's Hematoxylin II solution DC	196
252999	Gill's Hematoxylin III solution DC	196
253139	Citrosol (Substitute of Xylene) DC	125
253203	Fehling's Reagent Composite DC	183
253209	Paraffin M.P. 51-53°C pellets DC	297
253211	Paraffin M.P. 56-58°C pellets DC	297
253295	Copper(II) Sulphate solution d.1,055 DC	132
253296	Copper(II) Sulphate solution d.1,053 DC	132
253453	Hematoxylin solution A according to Weigert DC	202
253454	Hematoxylin solution B according to Weigert DC	202
253500	Fixing B-5 DC	184
253524	Light Green solution 0,1% DC	245
253535	Toluidine Blue O solution 1% DC	449
253572	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC	190
253594	Papanicolaou's Solution EA 50 DC	296
253625	Van Gieson II solution DC	465
253681	Eukitt ®, mounting medium DC	182
253708	Aniline Blue WS (C.I. 42755) DC	56
253724	Lactophenol Blue solution DC	241
253857	Glutaraldehyde solution 25% DC	198
253892	Papanicolaou's Solution OG 6 DC	296
253893	Rose Bengal (C.I. 45440) DC	357
253934	Bismarck Brown R (C.I. 21010) DC	74
253935	Bismarck Brown Y (C.I. 21000) DC	74
253949	Harris Hematoxylin solution DC	201
253982	Erythrosin B (C.I. 45430) DC	169
253983	Ponceau S (C.I. 27195) DC	320
253986	Biebrich Scarlet (C.I. 26905) DC	73
253987	Lissamine Green B (C.I. 44090) DC	246
253998	Blue for fast staining (Panoptic No. 3) DC	75
253999	Eosin for fast staining (Panoptic No. 2) DC	167
254101	Fixing for fast staining (Panoptic No. 1) DC	184
254102	Bouin Liquor DC	78
254354	Carminic Acid (C.I. 75470) DC	113
254367	Brilliant Blue FCF (C.I. 42090) DC	78
254419	Nigrosine water soluble (C.I. 50420) DC	284
254561	Immersion Oil purified DC	226
254584	Alcian Blue 8 GX (C.I. 74240) DC	32
254615	Pararosaniline base (C.I. 42500) DC	298
254667	Paraffin M.P. 56-58°C plasticized + DMSO pellets DC	297
254766	Mayer's Hematoxylin solution DC	259
254807	Kit for Fast Staining in Haematology (Fast Panoptic) DC	239
254832	Voges Proskauer B Reagent DC	466
254833	Voges Proskauer A Reagent DC	466
254884	Kit for Staining Gram-Hucker DC	239
254932	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
254933	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
254968	Nile Blue A Chloride (C.I. 51180) DC	284
254990	Zenker's Fixing DC	473
255069	Isoparaffin H (Substitute of Xylene) DC	237
255075	Azur B (C.I. 52010) DC	62
255115	Reticulin Kit DC	356
255254	DPX, mounting medium fast (toluene base) DC	166
255281	Fixative Reagent DC	184
255298	Carazzi's Hematoxylin solution DC	109
255486	Evans Blue (C.I. 23860) DC	182
255598	Histofluid ®, mounting medium DC	210
255668	Fast Green FCF (C.I. 42053) DC	183
255793	Osmium(VIII) Oxide solution 4% DC	294
255803	Paraffin M.P. 52°C plasticized pellets DC	297
255805	Histofix® Substitute of Formaldehyde DC	210
255811	Mounting Medium for substitutes of xylene DC	280
256065	Vitrosec ® dehydrating DC	466
256155	DPX, mounting medium slow DC	166
256237	Histofix® decalcifier 3 DC	210
256238	Histofix® decalcifier 2 DC	210
256239	Histofix® decalcifier 1 DC	209
256284	Histofix® marrow decalcifier DC	210
256462	Histofix ® Preservative ready to use DC	209
256700	Histofix ® Spray fixative DC	210
256876	Cleaner Paraffin DC	296
256879	Eosin Yellowish alcoholic solution 1% DC	168
PPLAST	Paraplast®Paraffin M.P. 56-58°C pellets	297
PPPLUS	Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets	297
PPXTRA	Paraplast X-Tra®Paraffin M.P. 52°C pellets	297
26 PAI (HPLC-preparative)		
261090	2-Propanol (HPLC-preparative) PAI	348
261091	Methanol (HPLC-preparative) PAI	265
261881	Acetonitrile (HPLC-preparative) PAI	25
27 ST		
272168	Buffer Solution pH 4,00 ±0,02 (20°C) ST	89
272170	Buffer Solution pH 7,00 ±0,02 (20°C) ST	89
272172	Buffer Solution pH 9,00 ±0,02 (20°C) ST	90
272537	Buffer Solution pH 3,00 ±0,02 (20°C) ST	88
272549	Buffer Solution pH 6,00 ±0,02 (20°C) ST	89
272580	Buffer Solution pH 1,00 ±0,02 (20°C) ST	88
272581	Buffer Solution pH 2,00 ±0,02 (20°C) ST	88
272582	Buffer Solution pH 5,00 ±0,02 (20°C) ST	89
272583	Buffer Solution pH 8,00 ±0,02 (20°C) ST	90
272584	Buffer Solution pH 10,00 ±0,05 (20°C) ST	90
272585	Buffer Solution pH 11,00 ±0,05 (20°C) ST	91
272586	Buffer Solution pH 12,00 ±0,05 (20°C) ST	91
272587	Buffer Solution pH 13,00 ±0,05 (20°C) ST	91
273107	Buffer Solution pH 9,23 ±0,02 (20°C) ST	90
273108	Buffer Solution pH 7,02 ±0,02 (20°C) ST	90
273301	Buffer Solution pH 7,40 ±0,02 (20°C) ST	91
273302	Buffer Solution pH 7,60 ±0,02 (20°C) ST	91
273526	TISAB III Concentrated solution for samples containing <3 ppm in Fe and/or Al ST	445
273531	TISAB IV (ASTM D 1179) for samples containing <100 ppm in Fe and/or Al ST	445
273616	Buffer Solution pH 4,00 ±0,02 (20°C) (red colour) ST	89

273617	Buffer Solution pH 7,00 ±0,02 (20°C) (yellow colour) ST	89
273618	Buffer Solution pH 10,00 ±0,05 (20°C) (blue colour) ST	90
274765	TISAB II (STANDARD METHODS/AOAC) for samples containing <3 ppm in Fe and/or Al ST	445
275210	TISAB I (ASTM D 1179) for samples containing <0,1 ppm in Fe and/or Al ST	445
275211	TISAB B (F.C.C.) in food analysis ST	445
28 RV		
281095	Alizarin solution 0,1% RV	32
281109	Methyl Yellow solution 0,5% RV	278
281166	Bromophenol Blue solution 0,04% RV	86
281168	Bromothymol Blue solution 0,04% RV	86
281175	Thymol Blue solution 0,04% RV	444
281280	Complexon-Magnesium 0,1 mol/l RV	127
281298	Indicator Solvent RV	226
281326	Phenolphthalein solution 0,2% RV	309
281327	Phenolphthalein solution 1% RV	309
281366	Alum Iron Ammonium saturated solution RV	37
281370	Universal Indicator of pH, solution RV	313
281380	Acidimetric Liquor titrated RV	29
281381	Acidimetric Liquor titrated RV	29
281384	Acidimetric Liquor titrated RV	29
281385	Empiric Liquor titrated RV	167
281432	Methyl Orange solution 0,1% RV	273
281433	Methyl Orange solution 0,04% RV	273
281437	Murexide 1% in Sodium Chloride RV	280
281440	Eriochrome Black T solution 1% RV	168
281463	Silver Nitrate volumetric solution 2,9067% RV	362
281495	Potassium Chloride saturated solution RV	324
281498	Potassium Chromate solution 5% w/v RV	325
281499	Potassium Chromate solution 10% w/v RV	325
281547	Bromocresol Purple solution 0,04% RV	82
281572	Hanus Reagent 0,1 mol/l (0,2N) RV	201
281574	Karl Fischer's Reagent Composite RV	238
281590	Wijs' Reagent 0,1 mol/l (0,2N) RV	468
281614	Cresol Red solution 0,04% RV	133
281616	Phenol Red solution 0,02% RV	309
281618	Methyl Red solution 0,1% RV	276
281620	Neutral Red solution 0,1% RV	282
281634	Sodium Acetate 1 mol/l (1M) RV	365
281730	Buffer Solution pH 10 RV	87
281740	Thymolphthalein solution 0,1% RV	444
281748	Litmus stain RV	249
281760	Bromocresol Green solution 0,04% RV	82
281764	Crystal Violet solution 0,5% in acetic acid RV	133
281956	Formamide AQUAMETRIC KF dry RV	191
282222	Boric Acid solution 4% RV	77
282268	Potassium Nitrate 1 mol/l RV	339
282298	Sodium Acetate 0,1 mol/l (0,1M) RV	365
282420	Karl Fischer's Reagent Solution A RV	239
282421	Karl Fischer's Reagent Solution B RV	239
282430	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV	226
282775	Potassium Chloride 3 mol/l RV	324
282861	Bromocresol Purple solution 0,025% RV	82
282922	Silver Sulphate solution 6,6 g/l in sulphuric acid RV	363
282923	Potassium Chloride 3 mol/l + Silver Chloride RV	324
282928	Boric Acid solution 3% RV	77
283098	Silver Sulphate solution 10 g/l in sulphuric acid RV	363
283146	Starch solution 1% RV	426
283303	Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV	226
283334	Ammonia Fixative Solution 1% RV	43
283357	Bromocresol Purple 0,2% tablets 0,1g RV	82
283462	Ferroin solution 0,025 mol/l (0,025M) RV	183
284289	Mercury(II) Sulphate sol. 200 g/l in diluted sulphuric acid RV	263
284291	Silver Sulphate solution 80 g/l in sulphuric acid RV	364
285249	Lithium Chloride 1 mol/l in glacial acetic acid RV	248
285250	Lithium Chloride 1 mol/l in ethanol RV	248
285251	Diaphragms Cleaning Solution RV	141
285252	Protein Cleaning Solution RV	351
285253	Electrode-Reactivating Solution RV	166
285316	Aluminium Sulphate 0,9 mol/l RV	36
285406	Indicator Buffer Tablets RV	226
285812	AQUAMETRIC Composite 5 RV	58
285813	AQUAMETRIC Composite 2RV	58
285814	AQUAMETRIC Composite 5K RV	58
285815	AQUAMETRIC Titrant 5 RV	59
285816	AQUAMETRIC Titrant 2 RV	58
285817	AQUAMETRIC Solvent RV	58
285818	AQUAMETRIC Solvent Oil RV	58
285819	AQUAMETRIC Solvent CM RV	58
285820	AQUAMETRIC Buffer RV	57
285821	AQUAMETRIC Working Medium RV	59
285831	Potassium di-Hydrogen Phosphate 1/15 mol/l (1/15M) RV	333
286079	Zeleny's Reagent RV	472
286154	AQUAMETRIC Solvent Oil B RV	58
286181	AQUAMETRIC Coulomat A RV	58
286182	AQUAMETRIC Coulomat C RV	58
286195	Nitric Acid 4 mol/l (4N) RV	288
286236	Ammonia Fixative Solution 4% RV	43
286330	Indicator, Mixed (Dimidium Bromide-Disulphine Blue) RV	226
29 STc		
293164	pH Buffer 4,01 ±0,02 (25°C) (capsules) STc	88
293165	pH Buffer 7,00 ±0,02 (25°C) (capsules) STc	88
293166	pH Buffer 9,00 ±0,02 (25°C) (capsules) STc	88
293167	pH Buffer 10,00 ±0,02 (25°C) (capsules) STc	88
30 SVc		
303110	Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SVc	217
303111	Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SVc	217
303112	Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SVc	217
303113	Oxalic Acid 0,05 mol (6,303g $C_2H_2O_4$) to prepare 1l of 0,1N solution SVc	295
303114	Sulphuric Acid 0,05 mol (4,904g H_2SO_4) to prepare 1l of 0,1N solution SVc	434
303115	Sulphuric Acid 0,5 mol (49,039g H_2SO_4) to prepare 1l of 1N solution SVc	434
303116	Ammonium Thiocyanate 0,1 mol (7,612g NH_4SCN) to prepare 1l of 0,1N solution SVc	55
303117	Silver Nitrate 0,1 mol (16,987g $AgNO_3$) to prepare 1l of 0,1N solution SVc	363
303118	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g $C_{10}H_{14}N_2Na_2O_8.2H_2O$) to prep.1l of 0,1M sol. SVc	178
303119	Iodine 0,05 mol (12,690g I_2) to prepare 1l of 0,1N solution SVc	228
303120	Potassium Dichromate 1/60 mol (4,903g $K_2Cr_2O_7$) to prepare 1l of 0,1N solution SVc	328
303121	Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SVc	335
303122	Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SVc	336
303123	Potassium Hydroxide 1 mol (56,109g KOH) to prepare 1l of 1N solution SVc	336
303124	Potassium Permanganate 0,02 mol (3,161g $KMnO_4$) to prepare 1l of 0,1N solution SVc	341
303125	Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SVc	387
303126	Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SVc	388
303127	Sodium Thiosulphate 0,1 mol (24,818g $Na_2S_2O_3.5H_2O$) to prepare 1l of 0,1N solution SVc	402
31 AA		
312682	Fluoride standard solution F=1,000±0,005 g/l AA	406
312683	Silicon standard solution Si=1,00±0,05 g/l AA	407
313170	Aluminium standard solution Al=1,000±0,002 g/l AA	405
313171	Arsenic standard solution As=1,000±0,002 g/l AA	405
313172	Barium standard solution Ba=1,000±0,002 g/l AA	406
313174	Bismuth standard solution Bi=1,000±0,002 g/l AA	406
313175	Cadmium standard solution Cd=1,000±0,002 g/l AA	406
313176	Calcium standard solution Ca=1,000±0,002 g/l AA	406
313177	Cobalt standard solution Co=1,000±0,002 g/l AA	406
313178	Copper standard solution Cu=1,000±0,002 g/l AA	406
313179	Chromium standard solution Cr=1,000±0,002 g/l AA	406
313180	Tin standard solution Sn=1,000±0,002 g/l AA	407
313181	Strontium standard solution Sr=1,000±0,002 g/l AA	407
313182	Iron standard solution Fe=1,000±0,002 g/l AA	406
313183	Lithium standard solution Li=1,000±0,002 g/l AA	406
313184	Magnesium standard solution Mg=1,000±0,002 g/l AA	406
313185	Manganese standard solution Mn=1,000±0,002 g/l AA	406
313186	Mercury standard solution Hg=1,000±0,002 g/l AA	406
313187	Nickel standard solution Ni=1,000±0,002 g/l AA	407
313188	Silver standard solution Ag=1,000±0,002 g/l AA	407
313189	Lead standard solution Pb=1,000±0,002 g/l AA	406
313190	Potassium standard solution K=1,000±0,002 g/l AA	407
313191	Selenium standard solution Se=1,000±0,002 g/l AA	407
313192	Sodium standard solution Na=1,000±0,002 g/l AA	407
313193	Zinc standard solution Zn=1,000±0,002 g/l AA	407
313672	Gold standard solution Au=1,000±0,002 g/l AA	406
313960	Titanium standard solution Ti=1,000±0,002 g/l AA	407
314111	Molybdenum standard solution Mo=1,000±0,002 g/l AA	407
314133	Antimony standard solution Sb=1,000±0,002 g/l AA	405
32 PAI(PAR)		
321007	Acetone (PAR) PAI	23
321074	Water (PAR) PAI	467
321090	2-Propanol (PAR) PAI	348
321091	Methanol (PAR) PAI	265
321250	Cyclohexane (PAR) PAI	134
321252	Trichloromethane stabilized with ethanol (PAR) PAI	453
321254	Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI	146
321315	Petroleum Ether 40-60°C (PAR) PAI	305
321318	Ethyl Acetate (PAR) PAI	174
321347	Hexane, alkanes mixture (PAR) PAI	208
321745	Toluene (PAR) PAI	447
321881	Acetonitrile (PAR) PAI-ACS	26
322006	n-Pentane (PAR) PAI	298
322064	Isooctane (PAR) PAI	235
322551	Diethyl Ether stabilized with ethanol (PAR) PAI	150
323242	n-Hexane 95% (PAR) PAI	206
323312	tert-Butyl Methyl Ether (PAR) PAI	97
324462	n-Pentane 95% (PAR) PAI	299
325708	Sodium Sulphate anhydrous, granulated (PAR) PAI	398
325709	Sodium Sulphate anhydrous, powder (PAR) PAI	398
326165	Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI	278
33 PAI (IR)		
331003	Vaseline Oil (IR) PAI	465
331245	Carbon Tetrachloride (IR) (E.U.) PAI	111
331489	Potassium Bromide (IR) PAI	322
34 CRS		
345268	Certified Control Material for Oenological Analysis (Red Wine) CRS	426
345269	Standard for Oenology (Methanol and Higher Alcohols) CRS	426
345271	Certified Control Material for Oenological Analysis (White Wine) CRS	426
345411	Reference Standard for Olive Oil CRS	424
35 CG		
352615	N-(Trimethylsilyl) Diethylamine CG	458
352616	N-(Trimethylsilyl) Imidazole CG	458
352761	Methyl Laurate CG	273
352776	Chlorotrimethylsilane CG	121
353316	Trifluoroacetic Anhydride CG	457
353710	Linoleic Acid CG	246
355584	Heptafluorobutyric Anhydride CG	202
355585	Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG	459
355587	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG	277
355588	N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG	75
355590	N-Methyl-Bis (Trifluoroacetamide) CG	269
355599	Hexamethyldisilazane CG	204
355600	N,N-Dimethylformamide-Dimethylacetal CG	159
355650	Silan-Sterol-1 CG	360
355788	N,O-Bis (Trimethylsilyl) Acetamide CG	75
36 PAI (UV-IR-HPLC-HPLC isocratique GPC)		
361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23
361008	Acetic Acid glacial (HPLC) PAI	20
361074	Water (UV-HPLC) PAI-ACS	467
361082	1-Butanol (UV-IR-HPLC) PAI	92
361085	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
361086	Ethanol absolute (UV-IR-HPLC) PAI	169
361089	Isobutanol (UV-IR-HPLC) PAI	233
361090	2-Propanol (HPLC) PAI	348
361091	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361244	Carbon Disulphide (UV-IR-HPLC) PAI	110
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
361250	Cyclohexane (UV-IR-HPLC) PAI-ACS	134
361252	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145

361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361296	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
361315	Petroleum Ether 40-60°C (UV) PAI	305
361318	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
361347	Hexane, alkanes mixture (HPLC) PAI	207
361429	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361881	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	25
361885	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
362006	n-Pentane (UV-IR-HPLC) PAI	298
362062	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
362063	n-Hexane (UV-IR-HPLC) PAI	205
362064	Isooctane (UV-IR-HPLC) PAI-ACS	235
362363	Sodium Dodecyl Sulphate (HPLC) PAI	376
362551	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
363101	Trichloromethane stabilized with ~150 ppm of amylene (HPLC-GPC) PAI	451
363145	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
363242	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206
363266	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
363312	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
363317	Trifluoroacetic Acid (UV) PAI	457
363428	1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI	208
363501	Isopentane (UV-IR-HPLC) PAI	237
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
363622	Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI	438
363995	1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI	292
364343	1-Chlorobutane (UV-IR-HPLC) PAI	119
364462	n-Pentane 95% (UV-IR-HPLC) PAI	299
364896	1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI	301
364897	1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI	204
365261	Isohexane (UV-IR-HPLC) PAI	234
365732	Propionitrile (UV-HPLC) PAI	350
365769	1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI	92
38 ANALPUR		
381020	Hydrochloric Acid 37% (TMA) ANALPUR	213
383255	Nitric Acid 65% (TMA) ANALPUR	287
39 RS		
394545	COD Standard (7.000 ppm) RS	408
394546	COD Standard (1.000 ppm) RS	408
394547	COD Standard (150 ppm) RS	407
394640	COD Standard (500 ppm) RS	408
394641	COD Standard (3.000 ppm) RS	408
394642	COD Standard (50 ppm) RS	407
394657	Conductivity Standard 5446 µS/cm (25°C) RS	408
394658	Conductivity Standard 12,88 mS/cm (25°C) RS	408
394659	Conductivity Standard 1413 µS/cm (25°C) RS	408
395138	Kit for HPLC Linearity Verification RS	239
395442	Redox Standard 468 mV (25°C) RS	424
395443	Redox Standard 220 mV (25°C) RS	424
395458	Karl Fischer Water Standard 10,0 mg/g RS	426
395459	Karl Fischer Water Standard 1,00 mg/g RS	426
395460	Standard for UV-VISible Spectrophotometry: solution for the stray light control (Ph. Eur.) RS	425
395461	Standard for UV-VISible Spectrophotometry: solution for the control of the spectral resolution (Ph. Eur.) RS	425
395462	Standard for UV-VISible Spectrophotometry: solution for the absorbance control (Ph. Eur.) RS	425
395464	Turbidity Standard Solution A RS	425
395465	Turbidity Standard Solution B RS	426
395508	Colour Standard Pt-Co, 500 APHA RS	408
396070	Standard for UV-VISible Spectrophotometry: solution for the wavelength control (Ph. Eur.) RS	425
396881	Conductivity Standard 147 uS/cm (25°C) RS	408
396882	Conductivity Standard 84 uS/cm (25°C) RS	408
396883	Karl Fischer Water Standard 5,0 mg/g RS	426
396900	TIC Standard (50mg/l) RS	425
396901	TIC Standard (100mg/l) RS	425
396902	TIC Standard (500mg/l) RS	425
396903	TIC Standard (1000mg/l) RS	425
396904	TIC Standard (10000mg/l) RS	425
396905	TOC Standard (50mg/l) RS	425
396906	TOC Standard (100mg/l) RS	425
396907	TOC Standard (500mg/l) RS	425
396908	TOC Standard (1000mg/l) RS	425
396909	TOC Standard (10000mg/l) RS	425
40 CULTIMED (Ingredients)		
401792	Agar, Technical (Ingredient) CULTIMED	31, 479
402302	Agar, Bacteriological European Type (Ingredient) CULTIMED	31, 479
402303	Agar, Bacteriological American Type (Ingredient) CULTIMED	31, 479
402876	Hemoglobine (Additive) CULTIMED	202, 479
403682	Tryptone (Ingredient) CULTIMED	460, 480
403683	Meat Peptone (Ingredient) CULTIMED	260, 479
403684	Soy Peptone (Ingredient) CULTIMED	405, 480
403685	Ox Bile (Ingredient) CULTIMED	480
403686	Gelatine Peptone (Ingredient) CULTIMED	195, 479
403687	Yeast Extract (Ingredient) CULTIMED	472, 480
403690	Malt Extract (Ingredient) CULTIMED	256, 479
403691	Casein Peptone Hydrolyzed (Ingredient) CULTIMED	113, 479
403692	Meat Extract (Ingredient) CULTIMED	260, 479
403695	Peptone, Bacteriological (Ingredient) CULTIMED	301, 480
403896	Bile Salts n° 3 (Ingredient) CULTIMED	73, 479
403898	Casein Peptone (Ingredient) CULTIMED	113, 479
403901	Proteose Peptone (Ingredient) CULTIMED	352, 480
403902	Gelatine, Bacteriological (Ingredient) CULTIMED	195, 479
403903	Tryptose (Ingredient) CULTIMED	461, 480
403904	Agar, Purified (Ingredient) CULTIMED	31, 479
403939	Proteose Peptone n° 3 (Ingredient) CULTIMED	352, 480
404140	Mycological Peptone (Ingredient) CULTIMED	280, 480
404148	Potato Starch (Ingredient) CULTIMED	345, 480
41 CULTIMED (Dehydrated Culture Media)		
413734	Amies Transport Medium without Charcoal (Dehydrated Culture Media) CULTIMED	480
413735	Antibiotic Medium n° 1 (USP) (Dehydrated Culture Media) CULTIMED	481
413736	Antibiotic Medium n° 2 (USP) (Dehydrated Culture Media) CULTIMED	481
413737	Antibiotic Medium n° 3 (USP) (Dehydrated Culture Media) CULTIMED	481
413738	Antibiotic Medium n° 5 (USP) (Dehydrated Culture Media) CULTIMED	481
413739	Antibiotic Medium n° 8 (Dehydrated Culture Media) CULTIMED	481
413740	Antibiotic Medium n° 11 (Dehydrated Culture Media) CULTIMED	481
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413742	Rothe Broth (Glucose Azide Broth) (Dehydrated Culture Media) CULTIMED	494
413743	EVA Broth (Ethyl Violet Azide) (Dehydrated Culture Media) CULTIMED	485
413744	Baird-Parker Agar Base (Dehydrated Culture Media) CULTIMED	481
413745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	498
413746	Violet Red Bile Lactose Agar (VRBL) (ISO 4832) (Dehydrated Culture Media) CULTIMED	498
413747	Brilliant Green Bile Agar (Dehydrated Culture Media) CULTIMED	483
413748	Brilliant Green Bile 2% Broth (Dehydrated Culture Media) CULTIMED	483
413749	Bismuth Sulphite Agar (Dehydrated Culture Media) CULTIMED	482
413750	Bordet Gengou Agar Base (Dehydrated Culture Media) CULTIMED	482
413751	Columbia Agar Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	484
413752	Pseudomonas CN Agar Base (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	493
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413754	Desoxycholate Agar (Dehydrated Culture Media) CULTIMED	484
413755	Desoxycholate Citrate Agar (Dehydrated Culture Media) CULTIMED	484
413756	Desoxycholate Citrate Lactose Agar (Dehydrated Culture Media) CULTIMED	485
413757	Desoxycholate Lactose Saccharose Agar (Dehydrated Culture Media) CULTIMED	485
413758	Potato Glucose Agar (Ph.Eur.) (Dehydrated Culture Media) CULTIMED	493
413759	DNase Agar (Dehydrated Culture Media) CULTIMED	485
413760	Endo Agar Base (Dehydrated Culture Media) CULTIMED	485
413761	EC Medium (Dehydrated Culture Media) CULTIMED	485
413762	Eosin Methylene Blue Agar (EMB) (Dehydrated Culture Media) CULTIMED	485
413763	Eosin Methylene Blue Agar acc. to Levine (EMB Levine) (Dehydrated Culture Media) CULTIMED	485
413764	Staphylococcus Medium n° 110 (Dehydrated Culture Media) CULTIMED	496
413765	Giolitti-Cantoni Broth (Dehydrated Culture Media) CULTIMED	486
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413770	Lysine Iron Agar (Dehydrated Culture Media) CULTIMED	489
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413776	Lactosed Broth (Dehydrated Culture Media) CULTIMED	488
413777	Brain Heart Infusion (BHI) (Dehydrated Culture Media) CULTIMED	482
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413781	Malt Extract Agar (Dehydrated Culture Media) CULTIMED	489
413782	Mannitol Motility Medium (Dehydrated Culture Media) CULTIMED	489
413783	Mannitol Salt Agar (Ph.Eur.) (Dehydrated Culture Media) CULTIMED	490
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413788	Mueller-Hinton Broth (Dehydrated Culture Media) CULTIMED	491
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413804	Glucose Saboraud Broth (Ph.Eur.) (Dehydrated Culture Media) CULTIMED	494
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413810	SIM Medium (Dehydrated Culture Media) CULTIMED	495
413811	Simmons Citrate Agar (Dehydrated Culture Media) CULTIMED	495
413812	Slanetz Bartley Medium (ISO 7899-2:2000) (Dehydrated Culture Media) CULTIMED	496
413813	Stuart Transport Medium (Dehydrated Culture Media) CULTIMED	496
413814	Tetrathionate Broth Base (Dehydrated Culture Media) CULTIMED	496
413815	Thioglycollate Liquid Medium (Ph.Eur.)	
	(Dehydrated Culture Media) CULTIMED	497
413816	Thioglycollate Medium without Indicator (Dehydrated Culture Media) CULTIMED	497
413817	TCBS Cholera Medium (Dehydrated Culture Media) CULTIMED	496
413818	Todd Hewitt Broth (Dehydrated Culture Media) CULTIMED	497
413819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	497
413820	Tryptone Soy Broth (TSB) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	497
413821	Urea Agar Base (Dehydrated Culture Media) CULTIMED	498
413822	Urea Broth Base (Dehydrated Culture Media) CULTIMED	498
413823	Brilliant Green Agar (Dehydrated Culture Media) CULTIMED	482
413824	Selenite Broth Base (Dehydrated Culture Media) CULTIMED	495
413825	Vogel-Johnson Agar (Dehydrated Culture Media) CULTIMED	499
413826	XLD Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	500
413827	Lauryl Tryptose Broth (Dehydrated Culture Media) CULTIMED	488
413828	Lysine Decarboxylase Broth (Dehydrated Culture Media) CULTIMED	489
413829	EE Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	485
413830	Calcium Caseinate Agar (Dehydrated Culture Media) CULTIMED	483
413831	Chapman-Stone Agar (Dehydrated Culture Media) CULTIMED	483
413832	Malt Extract Broth (Dehydrated Culture Media) CULTIMED	489
413833	TSN Agar (Dehydrated Culture Media) CULTIMED	498
413835	Bile Esculin Agar (Dehydrated Culture Media) CULTIMED	482
413837	Brucella Agar Base (Dehydrated Culture Media) CULTIMED	483
413838	Czapek Dox Agar (modified) (Dehydrated Culture Media) CULTIMED	484
413840	Glucose Agar (Dehydrated Culture Media) CULTIMED	486
413841	Tryptone Glucose Agar (Dehydrated Culture Media) CULTIMED	497
413842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	494
413843	WL Differential Agar (Dehydrated Culture Media) CULTIMED	499
413844	Tryptone Glucose Extract Agar (Dehydrated Culture Media) CULTIMED	497
413845	MacConkey Agar n° 2 (Dehydrated Culture Media) CULTIMED	489
413846	Dermasel Agar (Mycobiotic Agar) (Dehydrated Culture Media) CULTIMED	484
413847	Glucose Broth (Dehydrated Culture Media) CULTIMED	486
413897	Yeast Extract Agar (Dehydrated Culture Media) CULTIMED	500
413912	Thioglycollate Liquid Medium (Dehydrated Culture Media) CULTIMED	497
414118	Skim Milk Plate Count Agar (Dehydrated Culture Media) CULTIMED	495
414119	Bacillus Cereus Selective Agar Base (Dehydrated Culture Media) CULTIMED	481
414125	SPS Agar (Selective Agar according to Angelotti) (Dehydrated Culture Media) CULTIMED	496
414267	Sabouraud Glucose Agar+Cycloheximide (Dehydrated Culture Media) CULTIMED	494
414270	FC Broth Base M (Dehydrated Culture Media) CULTIMED	486
414654	Bile Tetrathionate-Brilliant Green Broth (Dehydrated Culture Media) CULTIMED	482
414655	Reinforced Clostridial Agar (RCM) (Dehydrated Culture Media) CULTIMED	493
414656	G.N. Broth (Dehydrated Culture Media) CULTIMED	486
414676	Kanamycin Esculin Azide Agar (CeNAN) (Dehydrated Culture Media) CULTIMED	487
414679	MacConkey Agar without Crystal Violet (Dehydrated Culture Media) CULTIMED	489
414680	Marine Agar (Dehydrated Culture Media) CULTIMED	490
414692	Koser Citrate Medium (Dehydrated Culture Media) CULTIMED	488
414695	Kanamycin Esculin Azide Broth (CeNAN) (Dehydrated Culture Media) CULTIMED	487
414698	Marine Broth (Dehydrated Culture Media) CULTIMED	490
414703	Selenite Brilliant Green Broth (Dehydrated Culture Media) CULTIMED	495
414705	Urea Indole Broth (Dehydrated Culture Media) CULTIMED	498
414707	OF Basal Medium (Dehydrated Culture Media) CULTIMED	492
414709	CTA Medium (Dehydrated Culture Media) CULTIMED	484
414715	Wilkins-Chalgren Agar (Dehydrated Culture Media) CULTIMED	499
414722	Egg Yolk Emulsion (Additive) CULTIMED	485
414723	Egg Yolk Tellurite Emulsion (Additive) CULTIMED	485
414724	Potassium Tellurite solution 3,5% (Additive) CULTIMED	492
414753	Luria Broth Base (Dehydrated Culture Media) CULTIMED	489
414855	Rose Bengal Chloramphenicol Agar (Dehydrated Culture Media) CULTIMED	494
414944	Buffered Sodium Chloride-Peptone solution (Ph.Eur.) (Dehydated Culture Media) CULTIMED	483
414955	Chapman TTC (Tergitol 7) Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED	483
414956	Glucose Chloramphenicol Agar (Dehydrated Culture Media) CULTIMED	486
414957	Glucose Chloramphenicol Broth (Dehydrated Culture Media) CULTIMED	486
414958	OGYE Agar Base (Dehydrated Culture Media) CULTIMED	492
414959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED	493
414961	Tetrathionate Broth Base acc. to Muller-Kauffmann (Dehydrated Culture Media) CULTIMED	497
415379	Letheen Agar (modified) (Dehydrated Culture Media) CULTIMED	488
415380	PALCAM Listeria Agar Base (Dehydrated Culture Media) CULTIMED	492
415382	Letheen Broth (modified) (Dehydrated Culture Media) CULTIMED	488
415433	Wilkins-Chalgren Broth (Dehydrated Culture Media) CULTIMED	499
415463	Clostridium perfringens m-CP Agar Base (Dehydrated Culture Media) CULTIMED	484
415523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Dehydrated Culture Media) CULTIMED	482
415576	TSC Agar Base(UNE-EN 13401) (Dehydrated Culture Media) CULTIMED	498
415641	MacConkey Sorbitol Agar (Dehydrated Culture Media) CULTIMED	489
416106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Dehydrated Culture Media) CULTIMED	498
416109	Chromogenic E. coli Agar (Dehydrated Culture Media) CULTIMED	484
416110	Chromogenic Salmonella Agar (Dehydrated Culture Media) CULTIMED	484
416111	Oxford Listeria Agar Base (Dehydrated Culture Media) CULTIMED	492
416112	Fraser Listeria Broth Base (ISO 11290-1:1996) (Dehydrated Culture Media) CULTIMED	486
416113	Fraser Listeria Selective Enrichment Supplement (Additive) CULTIMED	486
416114	Fraser 1/2 Listeria Selective Enrichment Supplement (Additive) CULTIMED	486
416115	Oxford Listeria Selective Supplement (Additive) CULTIMED	492
416116	PALCAM Listeria Selective Supplement (Additive) CULTIMED	492
416188	Wilkins-Chalgren Modified Agar (Dehydrated Culture Media) CULTIMED	499
416197	R2A Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	493
416220	TBX Agar (ISO 16649-2:2000) (Dehydrated Culture Media) CULTIMED	496
416253	Reinforced Clostridial Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	494
416254	Lactose Sulphite Broth Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	488
416255	Violet Red Bile Lactose and Glucose Agar (VRBLG) (Dehydrated Culture Media) CULTIMED	499
416256	Cetrimide Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	483
416259	Acetamide Broth (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	480
416260	King B Medium (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	487
416261	Nutrient Agar (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	491
416262	TBA Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED	496
416263	Tryptophan Broth (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED	498
416265	Saline Peptone Water (NF ISO 6579:1990) (Dehydrated Culture Media) CULTIMED	494
416270	XLD Agar (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED	499
416271	Bacillus Cereus according to Mossel Agar Base (Dehydrated Culture Media) CULTIMED	481
416272	RPF Supplement (ISO-FDIS 6888-2) (Additive) CULTIMED	494
416273	BCYE Supplement (Additive) CULTIMED	481
416274	GVPC Supplement (Additive) CULTIMED	487
416275	Nitrate Movility Medium (Dehydrated Culture Media) CULTIMED	491
416276	Orange Serum Agar (Dehydrated Culture Media) CULTIMED	492
416277	Legionella CYE Agar Base (Dehydrated Culture Media) CULTIMED	488
416322	Potato Infusion Agar (Dehydrated Culture Media) CULTIMED	493
416444	Oxidase Stick CULTIMED	492
416445	Indole Sticks CULTIMED	492
416891	Listeria Chromogenic Agar (ISO 11290-1:2004) (Dehydrated Culture Media) CULTIMED	488
416892	Staphylococcus Chromogenic Agar Base (Dehydrated Culture Media) CULTIMED	496
416893	Lipase C, Supplement (Aditive) CULTIMED	488
416894	Listeria Selective Chromogenic Supplement (Aditive) CULTIMED	488
416895	Minerals (modified) Glutamated Broth (MMGB) (ISO16649-3) (Dehydrated Culture Media) CULTIMED	490
416911	Cefoxitine, Suplement (Aditive) CULTIMED	483
42 CULTIMED (Prepared Plate (Ø 55 mm) and filter)		
423752	Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	500
423792	Nutrient Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED	500
423812	Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
423842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
424125	SPS Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
424955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
425463	m-CP Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED	500
426106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	502
426262	TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
43 CULTIMED (Contact Plate)		
433744	Baird-Parker Agar (ISO 6888) (Contact Plate) CULTIMED	502
433745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Contact Plate) CULTIMED	503
433746	Violet Red Bile Lactose Agar (VRBL) (Contact Plate) CULTIMED	503
433783	Mannitol Salt Agar (Ph.Eur.) (Contact Plate) CULTIMED	502
433799	Plate Count Agar (PCA) (ISO 4833:2003) (Contact Plate) CULTIMED	502
433802	Sabouraud Glucose Agar (Contact Plate) CULTIMED	502
433819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Contact Plate) CULTIMED	503
433842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Contact Plate) CULTIMED	502
434855	Rose Bengal Chloramphenicol Agar (Contact Plate) CULTIMED	502
435095	TSA-Tween-Lecithin-Agar (Ph.Eur.) (Contact Plate) CULTIMED	503
435895	Slide PCA/PCA CULTIMED	413
435896	Slide PCA/RB CULTIMED	413
435897	Slide PCA/VRBG CULTIMED	413
436256	Cetrimide Agar (Ph. Eur.) (Contact Plate) CULTIMED	502
44 CULTIMED (Prepared Plate (Ø 55 mm))		
443752	Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm)) CULTIMED	500
443792	Nutrient Agar (Prepared Plate (Ø 55 mm)) CULTIMED	500
443812	Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm)) CULTIMED	501
443842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED	501
444125	SPS Agar (Prepared Plate (Ø 55 mm)) CULTIMED	501
444955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED	502
445463	m-CP Agar (Prepared Plate (Ø 55 mm)) CULTIMED	500
445576	TSC Agar (UNE-EN 13401) (Prepared Plate (Ø 55 mm)) CULTIMED	502

446106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm)) CULTIMED	502
446197	R2A Agar (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED	501
446262	TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED	501
446910	CCA Coliforms, Chromogenic Agar (Prepared Plate (Ø 55mm)) CULTIMED	500
45 CULTIMED (Prepared Plate (Ø 90 mm))		
453744	Baird-Parker Agar (ISO 6888) (Prepared Plate (Ø 90 mm)) CULTIMED	503
453745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506
453746	Violet Red Bile Lactose Agar (VRBL) (Prepared Plate (Ø 90 mm)) CULTIMED	506
453763	EMB Agar acc. to Levine (Prepared Plate (Ø 90 mm)) CULTIMED	504
453768	Hektoen Enteric Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504
453779	MacConkey Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	504
453783	Mannitol Salt Agar (Ph.Eur.) (Prepared Plate (Ø 90mm)) CULTIMED	504
453792	Nutrient Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504
453799	Plate Count Agar (ISO 4833:2003) (Prepared Plate (Ø 90 mm)) CULTIMED	505
453802	Sabouraud Glucose Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505
453805	Salmonella Shigella Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505
453812	Slanetz Bartley Medium (ISO 7899-2:2000)	
	(Prepared Plate (Ø 90 mm)) CULTIMED	506
453819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506
453823	Brilliant Green Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	503
453826	XLD Medium (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506
453842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	505
454125	SPS Agar (Prepared Plate (Ø 90 mm)) CULTIMED	506
454855	Rose Bengal Chloramphenicol Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505
454955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 90 mm)) CULTIMED	506
455095	TSA-Tween-Lecithin-Agar (Ph.Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506
455378	Legionella Selective Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED	504
455380	PALCAM Agar (ISO 11290-1:1996) (Prepared Plate (Ø 90 mm)) CULTIMED	505
455523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED	503
455641	MacConkey Sorbitol Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504
456082	OGYE Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505
456109	E. Coli, Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504
456110	Salmonella Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505
456213	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (irradiated) (Prepared Plate (Ø 90 mm)) CULTIMED	505
456220	TBX Agar (ISO 16649-2:2000) (Prepared Plate (Ø 90mm)) CULTIMED	506
456256	Cetrimide Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	504
456266	BCYEx Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED	503
456267	BCYE without Cysteine Agar (ISO 11731) (Prepared Plate (Ø 90 mm)) CULTIMED	503
456271	Bacillus Cereus according to Mossel Agar Base (Prepared Plate (Ø 90 mm)) CULTIMED	503
456891	Listeria Chromogenic Agar (ISO 11290.1:2004) (Prepared Plate (Ø 90 mm)) CULTIMED	504
456892	Staphylococcus Chromogenic Agar (Prepared Plate (Ø 90mm)) CULTIMED	505
46 CULTIMED (Prepared Tubes)		
463748	Brilliant Green Bile 2% Broth (Prepared Tubes) CULTIMED	507
463761	EC Medium (Prepared Tubes) CULTIMED	507
463765	Giolitti-Cantoni Broth (Prepared Tubes) CULTIMED	507
463769	Kligler Iron Agar (Prepared Tubes) CULTIMED	507
463770	Lysine Iron Agar (Prepared Tubes) CULTIMED	508
463771	Triple Sugar Iron Agar (ISO 6579:2002) (Prepared Tubes) CULTIMED	510
463776	Lactosed Broth (Ph. Eur.) (Prepared Tubes) CULTIMED	508
463794	Peptone Water (Prepared Tubes) CULTIMED	509
463795	Buffered Peptone Water (ISO 6579:2002) (Prepared Tubes) CULTIMED	507
463799	Plate Count Agar (ISO 4833:2003) (Prepared Tubes) CULTIMED	509
463809	Selenite Cystine Broth (Prepared Tubes) CULTIMED	509
463820	Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Tubes) CULTIMED	510
463827	Lauryl Tryptose Broth (Prepared Tubes) CULTIMED	508
463829	EE Broth (Ph. Eur.) (Prepared Tubes) CULTIMED	507
463833	TSN Agar (Prepared Tubes) CULTIMED	510
463842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Tubes) CULTIMED	509
463912	Thioglycollate Liquid Medium (Prepared Tubes) CULTIMED	510
464125	SPS Agar (Prepared Tubes) CULTIMED	509
464695	Kanamycin Esculin Azide Broth (CeNAN) (Prepared Tubes) CULTIMED	507
464944	Buffered Sodium Chloride-Peptone solurion (Ph.Eur.) (Prepared Tubes) CULTIMED	507
464959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Prepared Tubes) CULTIMED	509
465382	Letheen Broth (modified) (Prepared Tubes) CULTIMED	508
465383	PALCAM Broth (Prepared Tubes) CULTIMED	509
465445	Lauryl Tryptose Broth (2X) (Prepared Tubes) CULTIMED	508
465447	Brilliant Green Bile 2% Broth (2X) (Prepared Tubes) CULTIMED	507
465523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Tubes) CULTIMED	507
465576	TSC Agar (UNE-EN 13401) (Prepared Tubes) CULTIMED	510
466106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Tubes) CULTIMED	510
466254	Lactose Sulphite, Medium (Ph. Eur.) (Prepared Tubes) CULTIMED	508
466258	O-F-M-I Broth (Prepared Tubes) CULTIMED	509
466268	Fraser Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED	508
466269	Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED	508
466885	M-Cetrimide (3ml ampoules) CULTIMED	508
466886	M-WLD (3ml ampoules) CULTIMED	509
466887	M-TGE (3ml ampoules) CULTIMED	509
466888	M-FC (3ml ampoules) CULTIMED	509
466889	M-Green (3ml ampoules) CULTIMED	509
466890	M-endo (3ml ampoules) CULTIMED	508
47 PA (max. 0,0000005% Hg)		
471020	Hydrochloric Acid 37% (max.0,0000005% Hg) PA-ACS-ISO	213
471058	Sulphuric Acid 95-98% (max. 0,0000005% Hg) PA-ACS-ISO	432
471303	Tin(II) Chloride 2-hydrate (max. 0,000005% Hg) PA-ACS	444
471500	Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO	327
471527	Potassium Permanganate (max. 0,000005% Hg) PA-ACS	341
471659	Sodium Chloride (max. 0,0000005% Hg) PA-ACS-ISO	371
471914	Hydroxylammonium Chloride (max. 0,000001% Hg) PA-ACS-ISO	223
472175	Perchloric Acid 70% (max. 0,0000005% Hg) PA-ACS-ISO	302
473255	Nitric Acid 65% (max 0,0000005% Hg) PA	287
48 DS		
481007	Acetone dry (max. 0,01% water) DS	23
481086	Ethanol absolute dry (max. 0,02% water) DS	170
481090	2-Propanol dry (max. 0,01% water) DS-ACS-ISO	349
481091	Methanol dry (max. 0,005% water) DS-ACS-ISO	265
481192	Benzene dry (max. 0,005% water) DS-ACS-ISO	67
481244	Carbon Disulphide dry (max. 0.005% water) low in aromatic compounds DS-ACS	110
481250	Cyclohexane dry (max. 0,005% water) DS-ACS-ISO	135
481254	Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO	146
481286	1,2-Dichloroethane dry (max. 0,005% water) DS-ACS	144
481296	1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO	163
481315	Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO	305
481318	Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO	175
481429	Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS	94
481457	Pyridine dry (max. 0,01% water) DS-ACS	352
481745	Toluene dry (max. 0,005% water) DS-ACS-ISO	447
481769	Xylene, mixture of isomers dry (max. 0,005% water) DS-ISO	469
481785	N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO	158
481881	Acetonitrile dry (max. 0,005% water) DS-ACS	26
481953	Chlorobenzene dry (max. 0,01% water) DS-ACS	117
481954	Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS	161
482062	n-Heptane dry (max. 0,005% water) DS	202
482064	Isooctane dry (max. 0,005% water) DS-ACS	236
482770	Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO	150
482802	Methylcyclohexane dry (max. 0,005% water) DS	270
483101	Trichloromethane dry (max. 0,005% water) stabilized with ~50 ppm of amylene DS-ACS	451
483242	n-Hexane 95% dry (max. 0,005% water) DS-ACS	207
483537	Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS	440
483675	Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol DS-ACS-ISO	147
484462	n-Pentane 95% dry (max. 0,005% water) DS	300
49 CULTIMED (Prepared Bottles)		
493744	Baird-Parker Agar (ISO 6888) (Prepared Bottles) CULTIMED	510
493745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Bottles) CULTIMED	513
493746	Violet Red Bile Lactose Agar (VRBL) (Prepared Bottles) CULTIMED	513
493779	MacConkey Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	511
493780	MacConkey Broth (Ph. Eur.) (Prepared Bottles) CULTIMED	511
493784	MRS Agar (Prepared Bottles) CULTIMED	511
493792	Nutrient Agar (Prepared Bottles) CULTIMED	511
493794	Peptone Water (Prepared Bottles) CULTIMED	511
493795	Buffered Peptone Water (ISO 6579:2002) (Prepared Bottles) CULTIMED	510
493799	Plate Count Agar (ISO 4833:2003) (Prepared Bottles) CULTIMED	512
493802	Sabouraud Glucose Agar (Prepared Bottles) CULTIMED	512
493819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Prepared Bottles) CULTIMED	512
493820	Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Bottles) CULTIMED	512
493829	EE Broth (Ph. Eur.) (Prepared Bottles) CULTIMED	511
493842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Bottles) CULTIMED	512
493912	Thioglycollate Liquid Medium (Prepared Bottles) CULTIMED	512
494125	SPS Agar (Prepared Bottles) CULTIMED	512
494855	Rose Bengal Chloramphenicol Agar (Prepared Bottles) CULTIMED	512
494944	Buffered Sodium Chloride-Peptone solution (Ph.Eur.) (Prepared Bottles) CULTIMED	510
495379	Letheen Agar (Prepared Bottles) CULTIMED	511
495382	Letheen Broth (modified) (Prepared Bottles) CULTIMED	511
495425	Peptone Water with neutralizing agents (Ph.Eur) (Prepared Bottles) CULTIMED	511
495523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Bottles) CULTIMED	510
495576	TSC Agar (UNE-EN 13401) (Prepared Bottles) CULTIMED	512
496106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Bottles) CULTIMED	512
496253	Reinforced Clostridial Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	512
496256	Cetrimide Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	511
496265	Saline Peptone Water (ISO 6887-1:1999) (Prepared Bottles) CULTIMED	512
496269	Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Bottles) CULTIMED	511
P1000ST	Sterile bottle, 1000 ml, with 24 mg of sodium thiosulphate CULTIMED	513
P500ST	Sterile bottle, 500 ml, with 12 mg of sodium thiosulphate CULTIMED	513
PS-410MC	PROSPORE (Sterilization test) CULTIMED	513
50 DERQUIM		
502600	DERQUIM LM 01 Alkaline LIQUID	139
502601	DERQUIM LM 02 Neutral, phosphates free LIQUID	139
502602	DERQUIM LM 03 Phosphates free LIQUID	139
502603	DERQUIM LA 11 Slightly alkaline SOLID	139
502604	DERQUIM LA 12 Alkaline SOLID	139

502605	DERQUIM LA 13 Alkaline with detergents SOLID	139
502606	DERQUIM LA 14 Slightly alkaline LIQUID	139
502607	DERQUIM LA 15 Alkaline LIQUID	139
502608	DERQUIM LA 21 Acid, with phosphoric acid LIQUID	139
502609	DERQUIM LA 22 Acid, with citric acid LIQUID	139
502610	DERQUIM LA 31 Antifoaming	139
502611	DERQUIM LA 32 Rinsing	139
502612	DERQUIM MC Chromic Mixture	140
503468	DERQUIM SALT (Sodium Chloride lumps)	139
503574	DERQUIM + Universal Detergent, LIQUID	138
504993	DERQUIM DSF 01 Antiseptic for hands LIQUID	138
504994	DERQUIM DSF 11 Antiseptic for surfaces and implements, LIQUID	138
506071	DERQUIM OXY (Substitute of Chromic Mixture) SOLID	140
52 pH PAPER		
524150	Universal Paper Reel pH 1-11 (gradation 1,0)	312
524151	Universal Paper Reel pH 1-14 (gradation 1,0/2,0)	312
524152	Special Paper Reel pH 5,5-9,0 (gradation 0,5)	312
524153	Special Paper Reel pH 3,8-5,8 (gradation 0,2/0,3)	312
524154	Special Paper Reel pH 0,5-5,5 (gradation 0,5)	312
524155	Special Paper Reel pH 9,0-13,0 (gradation 0,5)	312
524156	Strips pH 3,8-5,5 (gradation 0,2/0,3)	312
524157	Strips pH 6,0-8,1 (gradation 0,3)	312
524158	Strips pH 2,8-4,6 (gradation 0,2/0,3)	312
524159	Strips pH 1-12 (gradation 1,0)	312
524160	Strips pH 5,2-6,8 (gradation 0,2/0,3)	312
524161	Strips pH 1,8-3,8 (gradation 0,2/0,3)	312
524162	Strips pH 7,2-8,8 (gradation 0,2/0,3)	312
524163	Strips pH 9,5-12,0 (gradation 0,5)	313
524164	Non bleeding sticks pH 0-14 (gradation 1,0)	313
524165	Non bleeding sticks pH 4,5-10,0 (gradation 0,5)	313
524166	Non bleeding sticks pH 3,6-6,1 (gradation 0,3/0,5)	313
524167	Non bleeding sticks pH 0,0-6,0 (gradation 0,5)	313
524168	Non bleeding sticks pH 7,0-14,0 (gradation 0,5)	313
524169	Tricolor Paper Reel pH 1-11 (gradation 1,0)	312
62 VINIKIT		
621062	Sulphuric Acid solution 1/3 w/v VINIKIT	433
621327	Phenolphthalein solution 1% VINIKIT	309
621387	Gypsumetric Liquor VINIKIT	201
621507	Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT	329
621517	Potassium Hydroxide 1 mol/l (1N) VINIKIT	336
621567	Folin-Ciocalteu's Reagent VINIKIT	189
621694	Sodium Hydroxide 0,1 mol/l (0,1N) VINIKIT	388
621845	Sodium Hydroxide 0,01 mol/l VINIKIT	388
621969	Iodine 0,01 mol/l (0,02N) VINIKIT	228
622157	Sodium Hydroxide 0,4 mol/l (0,4N) VINIKIT	389
622772	Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT	221
623146	Starch solution 1% VINIKIT	426
623397	Sodium Hydroxide 0,02 mol/l (0,02N) VINIKIT	388
624566	Bromothymol Blue solution 0,4% VINIKIT	87
624567	Starch solution 2% VINIKIT	426
624568	Fehling's A Reagent VINIKIT	183
624569	Fehling's B Reagent VINIKIT	183
624570	Sulphuric Acid solution 16% v/v VINIKIT	434
624572	Potassium Iodide solution 30% w/v VINIKIT	338
624573	Alkaline Solution (Potassium Sodium Tartrate) 0,886 mol/l VINIKIT	33
624574	Hydrochloric Acid-Water solution 50:50 VINIKIT	216
624575	Potassium Thiocyanate solution 5% w/v VINIKIT	345
624576	Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT	402
624582	Cupric Solution 0,168 mol/l VINIKIT	134
624617	Iron standard solution Fe=0,200±0,002 g/l VINIKIT	230
624782	Sodium Hydroxide N/4,9 VINIKIT	388
624785	Sodium Hydroxide N/49 VINIKIT	388
624835	Sodium Hydroxide 0,1332 mol/l (0,1332N) VINIKIT	388
624836	Sodium Hydroxide 1,666 mol/l (1,666N) VINIKIT	389
624867	Saccharose solution 14,9% w/w VINIKIT	357
624868	Saccharose solution 19,4% w/w VINIKIT	357
624901	Rebelein's Kit VINIKIT	355
624904	Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT	222
624905	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) VINIKIT	226
624906	Iron standard solution Fe=0,100±0,002 g/l VINIKIT	230
625079	Malo-Lactic Kit VINIKIT	256
625108	Eluent for Malo-Lactic Kit VINIKIT	166
625241	Saccharose solution 23,8% w/w VINIKIT	357
625337	Hydroalcoholic Solution 8,5% v/v VINIKIT	212
625338	Hydroalcoholic Solution 11% v/v VINIKIT	212
625339	Hydroalcoholic Solution 13,5% v/v VINIKIT	212
625388	di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT	368
625409	Calcium Hydroxide 2 mol/l (suspension) VINIKIT	106
625434	Hydroalcoholic Solution 16% v/v VINIKIT	212
625435	Hydroalcoholic Solution 20% v/v VINIKIT	212
625484	Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT	357
625513	Hydrogen Peroxide 10% w/v (~33 vol.) stabilized VINIKIT	221
625514	Potassium Thiocyanate solution 20% w/v VINIKIT	345
625515	Iron standard solution Fe=0,125±0,005 g/l VINIKIT	230
625516	Calcium Indicator, tablets VINIKIT	106
625567	Hydrochloric Acid 10 g/l VINIKIT	216
625891	TISAB-ENOL for wine analysis (Dir. 2676/90) VINIKIT	446
70 PAI (LC-MS)		
701074	Water (LC-MS) PAI	467
701091	Methanol (LC-MS) PAI	265
701881	Acetonitrile (LC-MS) PAI	26
71 HIPERPUR-PLUS		
711008	Acetic Acid glacial (TMA) HIPERPUR-PLUS	19
711019	Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS	215
711028	Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS	218
711037	Nitric Acid 69% (TMA) HIPERPUR-PLUS	285
711058	Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS	431
711074	Water (TMA) HIPERPUR-PLUS	466
711128	Ammonia 20% (as NH3) (TMA) HIPERPUR-PLUS	42
712175	Perchloric Acid 70% (TMA) HIPERPUR-PLUS	302
716323	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	221
72 HIPERPUR		
721008	Acetic Acid glacial (TMA) HIPERPUR	19
721019	Hydrochloric Acid 35% (TMA) HIPERPUR	215
721028	Hydrofluoric Acid 48% (TMA) HIPERPUR	219
721037	Nitric Acid 69% (TMA) HIPERPUR	286
721058	Sulphuric Acid 93-98% (TMA) HIPERPUR	431
721091	Methanol (HPLC-hypergradient grade) HIPERPUR	264
721128	Ammonia 20% (as NH3) (TMA) HIPERPUR	42
721881	Acetonitrile (HPLC-hypergradient grade) HIPERPUR	25
722175	Perchloric Acid 70% (TMA) HIPERPUR	302
74 PAI (NMR)		
745335	Tetramethylsilane (NMR) PAI	441
745837	Acetone-D6 deuteration degree min. 99,5% (NMR) PAI	24
745838	Acetone-D6 deuteration degree min. 99,8% (NMR) PAI	24
745839	Acetone-D6 deuteration degree min. 99,95% (NMR) PAI	24
745840	Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI	27
745841	Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI	27
745842	Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI	27
745843	Benzene-D6 deuteration degree min. 99,5% (NMR) PAI	68
745844	Benzene-D6 deuteration degree min. 99,8% (NMR) PAI	67
745845	Benzene-D6 deuteration degree min. 99,95% (NMR) PAI	67
745846	Trichloromethane-D1 deuteration degree min. 99,8% stabilized with Ag (NMR) PAI	454
745847	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454
745848	Trichloromethane-D1 deuteration degree min. 99,95% stabilized with Ag (NMR) PAI	454
745849	Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI	140
745851	Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI	140
745852	Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI	148
745853	Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI	148
745854	Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI	147
745855	N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI	159
745857	Methanol-D4 deuteration degree min. 99,8% (NMR) PAI	267
745858	Methanol-D4 deuteration degree min. 99,95% (NMR) PAI	266
745860	Dimethyl Sulphoxide-D6 deuteration degree min. 99,8% (NMR) PAI	161
745861	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161
745862	Dimethyl Sulphoxide-D6 deuteration degree min. 99,95% (NMR) PAI	161
745863	Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI	353
745864	Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI	353
745865	Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI	353
745866	1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI	439
745867	Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI	441
745868	Toluene-D8 deuteration degree min. 99,5% (NMR) PAI	448
745869	Toluene-D8 deuteration degree min. 99,8% (NMR) PAI	448
745870	Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI	457
745872	Tube 5TA (Throw away) 178 mm (NMR) PAI	461
745873	Tube 5P (Precision) 178 mm (NMR) PAI	461
745874	Tube 5HP (High precision) 178 mm (NMR) PAI	461
745875	Tube 5UP (Utra precision) 178 mm (NMR) PAI	461
745876	Black caps for NMR tubes PAI	461
76 ICP (1,000±0,002 g/l)		
763173	Beryllium standard solution Be=1,000±0,002 g/l ICP	409
765898	Sulphur standard solution S=1,000±0,002 g/l ICP	417
765900	Boron standard solution B=1,000±0,002 g/l ICP	409
765901	Cerium standard solution Ce=1,000±0,002 g/l ICP	410
765902	Cesium standard solution Cs=1,000±0,002 g/l ICP	410
765903	Chloride standard solution Cl=1,000±0,002 g/l ICP	410
765904	Dysprosium standard solution Dy=1,000±0,002 g/l ICP	411
765905	Erbium standard solution Er=1,000±0,002 g/l ICP	411
765906	Europium standard solution Eu=1,000±0,002 g/l ICP	411
765908	Gadolinium standard solution Gd=1,000±0,002 g/l ICP	411
765909	Gallium standard solution Ga=1,000±0,002 g/l ICP	411
765910	Germanium standard solution Ge=1,000±0,002 g/l ICP	412
765911	Hafnium standard solution Hf=1,000±0,002 g/l ICP	412
765912	Holmium standard solution Ho=1,000±0,002 g/l ICP	412
765913	Indium standard solution In=1,000±0,002 g/l ICP	412
765914	Ytterbium standard solution Yb=1,000±0,002 g/l ICP	419
765915	Yttrium standard solution Y=1,000±0,002 g/l ICP	419
765916	Lanthanum standard solution La=1,000±0,002 g/l ICP	413
765917	Lutetium standard solution Lu=1,000±0,002 g/l ICP	413
765918	Neodymium standard solution Nd=1,000±0,002 g/l ICP	414
765919	Niobium standard solution Nb=1,000±0,002 g/l ICP	414
765920	Nitrogen standard solution N=1,000±0,002 g/l ICP	414
765921	Osmium standard solution Os=1,000±0,002 g/l ICP	415
765922	Palladium standard solution Pd=1,000±0,002 g/l ICP	415
765923	Platinum standard solution Pt=1,000±0,002 g/l ICP	415
765924	Praseodymium standard solution Pr=1,000±0,002 g/l ICP	415
765925	Rhenium standard solution Re=1,000±0,002 g/l ICP	415
765926	Rhodium standard solution Rh=1,000±0,002 g/l ICP	416
765927	Rubidium standard solution Rb=1,000±0,002 g/l ICP	416
765928	Ruthenium standard solution Ru=1,000±0,002 g/l ICP	416
765929	Samarium standard solution Sm=1,000±0,002 g/l ICP	416
765930	Scandium standard solution Sc=1,000±0,002 g/l ICP	416
765931	Thallium standard solution Tl=1,000±0,002 g/l ICP	418

765932	Tantalum standard solution Ta=1,000±0,002 g/l ICP	417
765933	Tellurium standard solution Te=1,000±0,002 g/l ICP	417
765934	Terbium standard solution Tb=1,000±0,002 g/l ICP	418
765935	Thorium standard solution Th=1,000±0,002 g/l ICP	418
765936	Thullium standard solution Tm=1,000±0,002 g/l ICP	418
765937	Uranium standard solution U=1,000±0,002 g/l ICP	419
765938	Vanadium standard solution V=1,000±0,002 g/l ICP	419
765939	Wolfram standard solution W=1,000±0,002 g/l ICP	419
765940	Zirconium standard solution Zr=1,000±0,002 g/l ICP	420
765941	Iridium standard solution Ir=1,000±0,002 g/l ICP	412
765997	Silicon standard solution Si=1,000±0,002 g/l ICP	417
766034	Aluminium standard solution Al=1,000±0,002 g/l ICP	409
766035	Antimony standard solution Sb=1,000±0,002 g/l ICP	409
766036	Arsenic standard solution As=1,000±0,002 g/l ICP	409
766037	Barium standard solution Ba=1,000±0,002 g/l ICP	409
766038	Cadmium standard solution Cd=1,000±0,002 g/l ICP	410
766039	Bismuth standard solution Bi=1,000±0,002 g/l ICP	409
766040	Calcium standard solution Ca=1,000±0,002 g/l ICP	410
766041	Cobalt standard solution Co=1,000±0,002 g/l ICP	410
766042	Copper standard solution Cu=1,000±0,002 g/l ICP	411
766043	Chromium standard solution Cr=1,000±0,002 g/l ICP	410
766047	Tin standard solution Sn=1,000±0,002 g/l ICP	418
766048	Strontium standard solution Sr=1,000±0,002 g/l ICP	417
766049	Iron standard solution Fe=1,000±0,002 g/l ICP	412
766050	Potassium standard solution K=1,000±0,002 g/l ICP	415
766051	Magnesium standard solution Mg=1,000±0,002 g/l ICP	413
766052	Manganese standard solution Mn=1,000±0,002 g/l ICP	413
766053	Molybdenum standard solution Mo=1,000±0,002 g/l ICP	414
766054	Nickel standard solution Ni=1,000±0,002 g/l ICP	414
766055	Selenium standard solution Se=1,000±0,002 g/l ICP	416
766056	Sodium standard solution Na=1,000±0,002 g/l ICP	417
766057	Titanium standard solution Ti=1,000±0,002 g/l ICP	418
766058	Zinc standard solution Zn=1,000±0,002 g/l ICP	419
766059	Lithium standard solution Li=1,000±0,002 g/l ICP	413
766060	Mercury standard solution Hg=1,000±0,002 g/l ICP	414
766061	Gold standard solution Au=1,000±0,002 g/l ICP	412
766062	Silver standard solution Ag=1,000±0,002 g/l ICP	417
766063	Lead standard solution Pb=1,000±0,002 g/l ICP	413
766332	Multielement standard solution 1000 mg/l: Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Tl, Zn ICP	420
766333	Multielement standard solution 100 mg/l: Al, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Se, Sr, Te, Tl, Zn ICP	420
766334	Multielement standard solution 100 mg/l: As, Be, Cd, Cr, Pb, Hg, Ni, Se, Tl ICP	420
766335	Multielement standard solution 100 mg/l: As, Be, Ca, Cd, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Ni, Pb, Sb, Se, Sr, Ti, Tl, V, Zn ICP	420
766336	Multielement standard solution 100 mg/l: Hf, Ir, Sb, Sn, Ta, Ti, Zr ICP	420
766384	Phosphorus standard solution P=1,000±0,002 g/l ICP	415
766427	Calcium standard dissolved in oil Ca=1000±5 µg/g ICP	420
766428	Barium standard dissolved in oil Ba=1000±5 µg/g ICP	420
766429	Chromium standard dissolved in oil Cr=1000±5 µg/g ICP	420
766430	Cobalt standard dissolved in oil Co=1000±5 µg/g ICP	420
766431	Copper standard dissolved in oil Cu=1000±5 µg/g ICP	420
766432	Phosphorus standard dissolved in oil P=1000±5 µg/g ICP	421
766433	Iron standard dissolved in oil Fe=1000±5 µg/g ICP	420
766434	Magnesium standard dissolved in oil Mg=1000±5 µg/g ICP	421
766435	Nickel standard dissolved in oil Ni=1000±5 µg/g ICP	421
766436	Lead standard dissolved in oil Pb=1000±5 µg/g ICP	421
766437	Potassium standard dissolved in oil K=1000±5 µg/g ICP	421
766438	Sodium standard dissolved in oil Na=1000±5 µg/g ICP	421
766439	Zinc standard dissolved in oil Zn=1000±5 µg/g ICP	421
766440	Sulphur standard dissolved in oil S=1000±5 µg/g ICP	421
766878	Boron standard dissolved in ammonia solution 1% B=1000 ± 5 µg/g ICP	410
77 ICP (10,00±0,02 g/l)		
775899	Beryllium standard solution Be=10,00±0,02 g/l ICP	409
775907	Phosphorus standard solution P=10,00±0,02 g/l ICP	415
775943	Aluminium standard solution Al=10,00±0,02 g/l ICP	409
775944	Antimony standard solution Sb=10,00±0,02 g/l ICP	409
775945	Arsenic standard solution As=10,00±0,02 g/l ICP	409
775946	Sulphur standard solution S=10,00±0,02 g/l ICP	417
775947	Barium standard solution Ba=10,00±0,02 g/l ICP	409
775948	Bismuth standard solution Bi=10,00±0,02 g/l ICP	409
775949	Cadmium standard solution Cd=10,00±0,02 g/l ICP	410
775950	Calcium standard solution Ca=10,00±0,02 g/l ICP	410
775951	Cerium standard solution Ce=10,00±0,02 g/l ICP	410
775952	Cesium standard solution Cs=10,00±0,02 g/l ICP	410
775953	Chloride standard solution Cl=10,00±0,02 g/l ICP	410
775954	Cobalt standard solution Co=10,00±0,02 g/l ICP	410
775955	Copper standard solution Cu=10,00±0,02 g/l ICP	411
775956	Chromium standard solution Cr=10,00±0,02 g/l ICP	410
775957	Dysprosium standard solution Dy=10,00±0,02 g/l ICP	411
775958	Erbium standard solution Er=10,00±0,02 g/l ICP	411
775959	Scandium standard solution Sc=10,00±0,02 g/l ICP	416
775960	Tin standard solution Sn=10,00±0,02 g/l ICP	418
775961	Strontium standard solution Sr=10,00±0,02 g/l ICP	417
775962	Europium standard solution Eu=10,00±0,02 g/l ICP	411
775963	Gadolinium standard solution Gd=10,00±0,02 g/l ICP	411
775964	Gallium standard solution Ga=10,00±0,02 g/l ICP	411
775965	Germanium standard solution Ge=10,00±0,02 g/l ICP	412
775966	Hafnium standard solution Hf=10,00±0,02 g/l ICP	412
775967	Iron standard solution Fe=10,00±0,02 g/l ICP	413
775968	Holmium standard solution Ho=10,00±0,02 g/l ICP	412
775969	Indium standard solution In=10,00±0,02 g/l ICP	412
775970	Iridium standard solution Ir=10,00±0,02 g/l ICP	412
775971	Ytterbium standard solution Yb=10,00±0,02 g/l ICP	419
775972	Yttrium standard solution Y=10,00±0,02 g/l ICP	419
775973	Lanthanum standard solution La=10,00±0,02 g/l ICP	413
775974	Lithium standard solution Li=10,00±0,02 g/l ICP	413
775975	Lutetium standard solution Lu=10,00±0,02 g/l ICP	413
775976	Magnesium standard solution Mg=10,00±0,02 g/l ICP	413
775977	Manganese standard solution Mn=10,00±0,02 g/l ICP	414
775978	Mercury standard solution Hg=10,00±0,02 g/l ICP	414
775979	Molybdenum standard solution Mo=10,00±0,02 g/l ICP	414
775980	Neodymium standard solution Nd=10,00±0,02 g/l ICP	414
775981	Niobium standard solution Nb=10,00±0,02 g/l ICP	414
775982	Nickel standard solution Ni=10,00±0,02 g/l ICP	414
775983	Nitrogen standard solution N=10,00±0,02 g/l ICP	414
775984	Gold standard solution Au=10,00±0,02 g/l ICP	412
775985	Palladium standard solution Pd=10,00±0,02 g/l ICP	415
775986	Silver standard solution Ag=10,00±0,02 g/l ICP	417
775987	Platinum standard solution Pt=10,00±0,02 g/l ICP	415
775988	Lead standard solution Pb=10,00±0,02 g/l ICP	413
775989	Potassium standard solution K=10,00±0,02 g/l ICP	415
775990	Praseodymium standard solution Pr=10,00±0,02 g/l ICP	415
775991	Rhenium standard solution Re=10,00±0,02 g/l ICP	415
775992	Rhodium standard solution Rh=10,00±0,02 g/l ICP	416
775993	Rubidium standard solution Rb=10,00±0,02 g/l ICP	416
775994	Ruthenium standard solution Ru=10,00±0,02 g/l ICP	416
775995	Samarium standard solution Sm=10,00±0,02 g/l ICP	416
775996	Selenium standard solution Se=10,00±0,02 g/l ICP	416
775998	Silicon standard solution Si=10,00±0,02 g/l ICP	417
775999	Sodium standard solution Na=10,00±0,02 g/l ICP	417
776000	Thallium standard solution Tl=10,00±0,02 g/l ICP	418
776001	Tantalum standard solution Ta=10,00±0,02 g/l ICP	417
776002	Tellurium standard solution Te=10,00±0,02 g/l ICP	418
776003	Terbium standard solution Tb=10,00±0,02 g/l ICP	418
776004	Titanium standard solution Ti=10,00±0,02 g/l ICP	419
776005	Thorium standard solution Th=10,00±0,02 g/l ICP	418
776006	Thullium standard solution Tm=10,00±0,02 g/l ICP	418
776007	Uranium standard solution U=10,00±0,02 g/l ICP	419
776008	Vanadium standard solution V=10,00±0,02 g/l ICP	419
776009	Wolfram standard solution W=10,00±0,02 g/l ICP	419
776010	Zinc standard solution Zn=10,00±0,02 g/l ICP	419
776011	Zirconium standard solution Zr=10,00±0,02 g/l ICP	420
78 IC		
784236	Phosphate standard solution PO_4=1,000±0,002 g/l IC	423
784237	Nitrate standard solution NO_3=1,000±0,002 g/l IC	422
784238	Chloride standard solution Cl=1,000±0,002 g/l IC	422
784239	Bromide standard solution Br=1,000±0,002 g/l IC	421
784241	Ammonium standard solution NH_4=1,000±0,002 g/l IC	421
784242	Potassium standard solution K=1,000±0,002 g/l IC	423
784243	Sodium standard solution Na=1,000±0,002 g/l IC	423
786325	Nitrogen standard solution N=1,000±0,002 g/l IC	423
786326	Chromate standard solution CrO_4=1,000±0,002 g/l IC	422
786327	Nitrite standard solution NO_2=1,000±0,002 g/l IC	423
786328	Fluoride standard solution F=1,000±0,002 g/l IC	422
786329	Sulphate standard solution SO_4=1,000±0,002 g/l IC	423
786345	Calcium standard solution Ca=1,000±0,002 g/l IC	421
786346	Magnesium standard solution Mg=1,000±0,002 g/l IC	422
786347	Barium standard solution Ba=1,000±0,002 g/l IC	421
786348	Lithium standard solution Li=1,000±0,002 g/l IC	422
786349	Zinc standard solution Zn=1,000±0,002 g/l IC	423
786350	Manganese standard solution Mn=1,000±0,002 g/l IC	422
786351	Strontium standard solution Sr=1,000±0,002 g/l IC	423
786916	Cesium *standard solution Cs=1,000±0,002 g/l IC	421
786917	Cyanide *standard solution CN=1,000±0,002 g/l IC	421
786918	Cobalt *standard solution Co=1,000±0,002 g/l IC	421
786919	Copper *standard solution Cu=1,000±0,002 g/l IC	421
786920	Chromium(VI) *standard solution Cr=1,000±0,002 g/l IC	422
786921	Chromium(III) *standard solution Cr=1,000±0,002 g/l IC	422

786922	Phosphorus *standard solution P=1,000±0,002 g/l IC	423
786923	Hydrazinium *standard solution NH2NH2=1,000±0,002 g/l IC	422
786924	Hydrogen carbonate *standard solution HCO3=1,000±0,002 g/l IC	422
786925	Iron *standard solution Fe=1,000±0,002 g/l IC	422
786926	Mercury *standard solution Hg=1,000±0,002 g/l IC	422
786927	Nickel *standard solution Ni=1,000±0,002 g/l IC	422
786928	Nitrogen (N-NO_2-) *standard solution N=1,000±0,002 g/l IC	423
786929	Nitrogen (N-NO_3-) *standard solution N=1,000±0,002 g/l IC	423
786930	Silver *standard solution Ag=1,000±0,002 g/l IC	423
786931	Lead *standard solution Pb=1,000±0,002 g/l IC	422
786932	Rubidium *standard solution Rb=1,000±0,002 g/l IC	423
786934	Iodide *standard solution I=1,000±0,002 g/l IC	422
786937	Multielement standard solution, anionic III IC	423
786938	Multielement standard solution, anionic IV IC	424
786939	Multielement standard solution, anionic V IC	424
786941	Multielement standard solution, cationic II IC	424
786942	Multielement standard solution, cationic III IC	424
786943	Multielement standard solution, cationic IV IC	424
86 EG (MOS)		
861007	Acetone (MOS) EG	22
861020	Hydrochloric Acid 37% (MOS) EG	213
866323	Hydrogen Peroxide 30% w/w (MOS) EG	220
866324	Hydrofluoric Acid 50% (MOS) EG	218
87 EG (VLSI)		
871007	Acetone (VLSI) EG	22
871020	Hydrochloric Acid 37% (VLSI) EG	213
871037	Nitric Acid 69% (VLSI) EG	286
871058	Sulphuric Acid 96% (VLSI) EG	431
871090	2-Propanol (VLSI) EG	347
871202	n-Butyl Acetate (VLSI) EG	95
873080	1-Methyl-2-Pyrrolidone (VLSI) EG	275
875599	Hexamethyldisilazane (VLSI) EG	204
876323	Hydrogen Peroxide 30% w/w (VLSI) EG	220
876324	Hydrofluoric Acid 50% (VLSI) EG	218
CLASSIFICATION IN SPECIFIC FIELDS OF APPLICATION		
FOOD ADDITIVES		
201008	Acetic Acid glacial (E-260, F.C.C.) ADITIO	20
201007	Acetone (F.C.C.) ADITIO	24
204333	Acetophenone (F.C.C.) ADITIO	27
202342	Adipic Acid (E-355, F.C.C.) ADITIO	30
201792	Agar (E-406, F.C.C.) ADITIO	31
202043	L-Alanine (F.C.C.) ADITIO	31
201103	Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO	36
201130	Ammonia 30% (as NH3) (E-527, F.C.C.) ADITIO	41
201129	Ammonia 25% (as NH3) ADITIO	41
201119	Ammonium Carbonate (E-503i, F.C.C.) ADITIO	45
201121	Ammonium Chloride (F.C.C.) ADITIO	46
201116	Ammonium Hydrogen Carbonate (E-503ii, F.C.C.) ADITIO	48
201127	di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO	48
201126	Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO	49
202912	Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO	50
202028	Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO	50
201140	Ammonium Sulphate (E-517, F.C.C.) ADITIO	53
202061	Arabic Gum powder (E-414, F.C.C.) ADITIO	59
203464	L-Arginine (F.C.C.) ADITIO	59
201013	L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO	61
202034	L-Aspartic Acid (F.C.C.) ADITIO	61
202422	DL-Aspartic Acid (F.C.C.) ADITIO	61
201014	Benzoic Acid (E-210, F.C.C.) ADITIO	69
202357	Benzoyl Peroxide humidified with ~25% of H_2O (F.C.C.) ADITIO	71
201081	Benzyl Alcohol (E-1519, F.C.C.) ADITIO	72
203977	D(+)-Biotin (F.C.C.) ADITIO	73
201082	1-Butanol (F.C.C.) ADITIO	93
201429	Butanone (Methylethylketone) (F.C.C.) ADITIO	94
201202	n-Butyl Acetate (F.C.C.) ADITIO	95
204233	2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO	96
201211	Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO	101
201225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO	101
204395	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO	102
201212	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO	103
204954	Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO	103
201232	Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO	104
201214	Calcium Chloride 6-hydrate (E-509) ADITIO	104
202824	Calcium Chloride solution 45% w/w (as $CaCl_2.2H_2O$) (E-509, F.C.C.) ADITIO	104
201213	tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO	104
203290	Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO	105
201227	Calcium Hydrogen Phosphate anhydrous (E-341ii, F.C.C.) ADITIO	105
201226	Calcium Hydrogen Phosphate 2-hydrate (E-341ii, F.C.C.) ADITIO	105
202400	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO	106
201230	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106
201228	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO	107
203238	Calcium Propionate (E-282, F.C.C.) ADITIO	107
201818	Calcium Stearate (E-470a, F.C.C.) ADITIO	108
201235	Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO	108
202416	Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO	112
204441	Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO	112
203922	Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO	112
201237	Charcoal Activated powder (E-153, F.C.C.) ADITIO	115
201808	Citric Acid anhydrous (E-330, F.C.C.) ADITIO	124
201018	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO	125
203645	L-Cystine (E-921, F.C.C.) ADITIO	137
202825	2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.) ADITIO	142
201254	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147
201877	1-Dodecanol (F.C.C.) ADITIO	166
201086	Ethanol absolute (F.C.C.) ADITIO	171
201085	Ethanol 96% v/v (F.C.C.) ADITIO	172
202695	Ethanol 70% v/v ADITIO	173
201318	Ethyl Acetate (F.C.C.) ADITIO	175
201669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO	178
201319	Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO	181
20B216	Folic Acid (F.C.C.) ADITIO	189
201030	Formic Acid 98% (F.C.C.) ADITIO	192
201029	Formic Acid 85% (F.C.C.) ADITIO	192
202728	D(-)-Fructose (F.C.C.) ADITIO	193
202344	Fumaric Acid (E-297, F.C.C.) ADITIO	193
202060	Gelatine 80-100 Blooms ADITIO	195
201341	D(+)-Glucose anhydrous (F.C.C.) ADITIO	196
203140	D(+)-Glucose 1-hydrate (F.C.C.) ADITIO	197
202042	L-Glutamic Acid (E-620, F.C.C.) ADITIO	197
201339	Glycerol (E-422, F.C.C.) ADITIO	198
201922	Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO	199
201340	Glycine (E-640, F.C.C.) ADITIO	200
201020	Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO	214
201076	Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO	221
202515	Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO	231
201362	Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO	232
201089	Isobutanol (F.C.C.) ADITIO	233
202880	L-Isoleucine (F.C.C.) ADITIO	235
201034	L(+)-Lactic Acid (F.C.C.) ADITIO	240
201375	Lactose 1-hydrate (F.C.C.) ADITIO	241
202046	L-Leucine (F.C.C.) ADITIO	245
203385	D(+)-Limonene (F.C.C.) ADITIO	246
204764	L-Lysine mono-Hydrochloride (F.C.C.) ADITIO	250
201396	Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO	252
201927	Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO	252
201395	Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO	252
201276	Magnesium Oxide (F.C.C.) ADITIO	253
201399	tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO	254
202029	Magnesium Stearate (E-470b, F.C.C.) ADITIO	254
201404	Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO	254
202051	DL-Malic Acid (E-296, F.C.C.) ADITIO	256
201410	Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO	257
201413	Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO	259
202067	D(-)-Mannitol (E-421, F.C.C.) ADITIO	259
201091	Methanol (F.C.C.) ADITIO	266
202882	L-Methionine (F.C.C.) ADITIO	267
203332	Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO	272
202786	Octanoic Acid (E-570, F.C.C.) ADITIO	292
202345	Palmitic Acid (E-570, F.C.C.) ADITIO	296
203209	Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO	297
204621	Paraffin M.P. 60-65°C (F.C.C.) ADITIO	297
202047	L-Phenylalanine (F.C.C.) ADITIO	310
201032	ortho-Phosphoric Acid 85% (F.C.C.) ADITIO	314
206076	Polysorbate 20 (E-432) ADITIO	318
206158	Polysorbate 40 (E-434) ADITIO	319
206159	Polysorbate 60 (E-435) ADITIO	319
206160	Polysorbate 65 (E-436) ADITIO	319
206075	Polysorbate 80 (E-433) ADITIO	319
201479	Potassium Acetate (E-261) ADITIO	320
201487	Potassium Bromate (F.C.C.) ADITIO	321
201490	Potassium Carbonate (E-501i, F.C.C.) ADITIO	323
201494	Potassium Chloride (E-508, F.C.C.) ADITIO	324
201492	tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO	326
201522	Potassium Disulphite (E-224, F.C.C.) ADITIO	328
201505	Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO	329
201480	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO	330
201512	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO	331
201509	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO	332
201486	Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO	334
201515	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO	335
201540	Potassium Iodate (F.C.C.) ADITIO	337
201542	Potassium Iodide (F.C.C.) ADITIO	338
201524	Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO	339
206401	Potassium Nitrate with anticaking (F.C.C.) ADITIO	339
201855	Potassium Nitrite (E-249, F.C.C.) ADITIO	339
201513	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO	342
204321	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO	342
201729	Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO	343
201531	Potassium Sorbate (E-202, F.C.C.) ADITIO	343
201532	Potassium Sulphate (E-515i, F.C.C.) ADITIO	344
203646	L-Proline (F.C.C.) ADITIO	345
201545	1,2-Propanediol (E-1520, F.C.C.) ADITIO	346
201090	2-Propanol (F.C.C.) ADITIO	349
201810	Propionic Acid (E-280, F.C.C.) ADITIO	350
201962	Propyl Gallate (E-310, F.C.C.) ADITIO	351
202475	Siliceous Earth purified and calcined (F.C.C.) ADITIO	361
201633	Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO	364
201632	Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO	365
203865	Sodium L(+)-Ascorbate (E-301, F.C.C) ADITIO	366
201637	Sodium Benzoate (E-211, F.C.C.) ADITIO	366
201648	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO	369
202032	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO	370
201647	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO	370
201659	Sodium Chloride (F.C.C.) ADITIO	372
201655	tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO	373
201656	tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO	374
201698	Sodium Disulphite (E-223, F.C.C.) ADITIO	375
202363	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376
201683	Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO	378
201665	Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO	378
201638	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO	379
201654	di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO	379
201679	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	380
202507	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO	381
201678	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO	381
201965	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO	382
201677	Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO	383
201709	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO	383

201687	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO	384
203307	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO	391
201702	Sodium Nitrate (E-251, F.C.C.) ADITIO	392
201703	Sodium Nitrite (E-250, F.C.C.) ADITIO	392
201680	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO	395
201684	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO	396
201711	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO	396
201710	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO	397
205522	Sodium Stearate (E-470a) ADITIO	398
201716	Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO	399
201715	Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO	399
201717	Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO	400
201719	Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO	401
201721	Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO	402
201055	Sorbic Acid (E-200, F.C.C.) ADITIO	403
203064	D(-)-Sorbite (E-420i, F.C.C.) ADITIO	405
202512	Stearic Acid 50 (fatty acids mixture) (E-570, F.C.C.) ADITIO	427
201883	Succinic Acid (E-363, F.C.C.) ADITIO	428
201058	Sulphuric Acid 95-98% (F.C.C.) ADITIO	432
201733	Talc washed (E-553b, F.C.C.) ADITIO	436
201065	Tannic Acid (F.C.C.) ADITIO	436
201066	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO	437
201303	Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO	445
202101	Titanium(IV) Oxide (E-171, F.C.C.) ADITIO	446
204644	DL-α-Tocopherol (E-307, F.C.C.) ADITIO	446
202312	Tween® 20 (E-432) ADITIO	462
202050	Tween® 80 (E-433) ADITIO	462
206392	Urea pearls, (E-927b, F.C.C.) ADITIO	464
205044	L-Valine (F.C.C.) ADITIO	464
202048	Vanillin (F.C.C.) ADITIO	465
201003	Vaseline Oil (F.C.C.) ADITIO	465
201786	Zinc Oxide (F.C.C.) ADITIO	475
201788	Zinc Sulphate 1-hydrate (F.C.C.) ADITIO	476
201787	Zinc Sulphate 7-hydrate (F.C.C.) ADITIO	476

EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS

201007	Acetone (F.C.C.) ADITIO	24
201082	1-Butanol (F.C.C.) ADITIO	93
201429	Butanone (Methylethylketone) (F.C.C.) ADITIO	94
201254	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147
201086	Ethanol absolute (F.C.C.) ADITIO	171
201085	Ethanol 96% v/v (F.C.C.) ADITIO	172
202695	Ethanol 70% v/v ADITIO	173
201318	Ethyl Acetate (F.C.C.) ADITIO	175
201091	Methanol (F.C.C.) ADITIO	266
201090	2-Propanol (F.C.C.) ADITIO	349

PRODUCTS FOR INSTRUMENTAL ANALYSIS

HPLC Solvents

Gradient Grade

221881	Acetonitrile (HPLC-gradient grade) PAI-ACS	25
221086	Ethanol absolute (HPLC-gradient grade) PAI	169
221091	Methanol (HPLC-gradient grade) PAI-ACS	264
221090	2-Propanol (HPLC-gradient grade-UV-IR) PAI	348
221074	Water (HPLC-gradient grade) PAI	466

Isocratic and Preparative HPLC

361008	Acetic Acid glacial (HPLC) PAI	20
361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23
361881	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	25
261881	Acetonitrile (HPLC-preparative) PAI	25
361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361082	1-Butanol (UV-IR-HPLC) PAI	92
361429	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
363312	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
361244	Carbon Disulphide (UV-IR-HPLC) PAI	110
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
364343	1-Chlorobutane (UV-IR-HPLC) PAI	119
361250	Cyclohexane (UV-IR-HPLC) PAI-ACS	140
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145
362551	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150
363145	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
361296	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
361086	Ethanol absolute (UV-IR-HPLC) PAI	169
361085	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
361318	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
362062	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
362063	n-Hexane (UV-IR-HPLC) PAI	205
363242	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206
361347	Hexane, alkanes mixture (HPLC) PAI	207
361089	Isobutanol (UV-IR-HPLC) PAI	233
365261	Isohexane (UV-IR-HPLC) PAI	234
362064	Isooctane (UV-IR-HPLC) PAI-ACS	235
363501	Isopentane (UV-IR-HPLC) PAI	237
361091	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
261091	Methanol (HPLC-preparative) PAI	265
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
362006	n-Pentane (UV-IR-HPLC) PAI	298
364462	n-Pentane 95% (UV-IR-HPLC) PAI	299
361885	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346
361090	2-Propanol (HPLC) PAI	348
261090	2-Propanol (HPLC-preparative) PAI	348
365732	Propionitrile (UV-HPLC) PAI	350
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
363101	Trichloromethane stabilized with X150 ppm of amylene (HPLC-GPC) PAI	451
361252	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453
363266	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
361074	Water (UV-HPLC) PAI-ACS	467

Ion Pair Reagents

365769	1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI	92
364897	1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI	204
363428	1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI	208
363995	1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI	292
364896	1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI	301
362363	Sodium Dodecyl Sulphate (HPLC) PAI	376
363622	Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI	438

Solvents for LC-MS

701881	Acetonitrile (LC-MS) PAI	26
701091	Methanol (LC-MS) PAI	265
701074	Water (LC-MS) PAI	467

Solvents for Pesticide Residue Analysis

321007	Acetone (PAR) PAI	23
321881	Acetonitrile (PAR) PAI-ACS	26
323312	tert-Butyl Methyl Ether (PAR) PAI	97
321250	Cyclohexane (PAR) PAI	134
321254	Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI	146
322551	Diethyl Ether stabilized with ethanol (PAR) PAI	150
321318	Ethyl Acetate (PAR) PAI	174
323242	n-Hexane 95% (PAR) PAI	206
321347	Hexane, alkanes mixture (PAR) PAI	208
322064	Isooctane (PAR) PAI	235
321091	Methanol (PAR) PAI	265
326165	Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI	278
322006	n-Pentane (PAR) PAI	298
324462	n-Pentane 95% (PAR) PAI	299
321315	Petroleum Ether 40-60°C (PAR) PAI	305
321090	2-Propanol (PAR) PAI	348
321745	Toluene (PAR) PAI	447
321252	Trichloromethane stabilized with ethanol (PAR) PAI	453
321074	Water (PAR) PAI	467

Drying agents in Residue Pesticide Analysis

325708	Sodium Sulphate anhydrous, granulated (PAR) PAI	398
325709	Sodium Sulphate anhydrous, powder (PAR) PAI	398

Solvents for Spectroscopy (UV, IR)

361008	Acetic Acid glacial (HPLC) PAI	22
361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	25
361881	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	27
361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361082	1-Butanol (UV-IR-HPLC) PAI	92
361429	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
363312	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
361244	Carbon Disulphide (UV-IR-HPLC) PAI	110
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
364343	1-Chlorobutane (UV-IR-HPLC) PAI	119
361250	Cyclohexane (UV-IR-HPLC) PAI-ACS	134
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145
362551	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150
363145	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
361296	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
361086	Ethanol absolute (UV-IR-HPLC) PAI	169
361085	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
361318	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
362062	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
362063	n-Hexane (UV-IR-HPLC) PAI	205
363242	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206
361089	Isobutanol (UV-IR-HPLC) PAI	233
365261	Isohexane (UV-IR-HPLC) PAI	234
362064	Isooctane (UV-IR-HPLC) PAI-ACS	235
363501	Isopentane (UV-IR-HPLC) PAI	237
361091	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
362006	n-Pentane (UV-IR-HPLC) PAI	298
364462	n-Pentane 95% (UV-IR-HPLC) PAI	299
361315	Petroleum Ether 40-60°C (UV) PAI	305
361885	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346
365732	Propionitrile (UV-HPLC) PAI	350
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
361252	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453
363266	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
363317	Trifluoroacetic Acid (UV) PAI	457
361074	Water (UV-HPLC) PAI-ACS	467

Solvents for GPC

361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23
361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
363101	Trichloromethane stabilized with X150 ppm of amylene (HPLC-GPC) PAI	451

Specific products for IR spectroscopy

331245	Carbon Tetrachloride (IR) (E.U.) PAI	111
331489	Potassium Bromide (IR) PAI	322
331003	Vaseline Oil (IR) PAI	465

Derivatization reagents for Gas Chromatography

355788	N,O-Bis (Trimethylsilyl) Acetamide CG	75
355588	N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG	75
352776	Chlorotrimethylsilane CG	121
355600	N,N-Dimethylformamide-Dimethylacetal CG	159
355584	Heptafluorobutyric Anhydride CG	202

355599	Hexamethyldisilazane CG	204
353710	Linoleic Acid CG	246
352761	Methyl Laurate CG	273
355590	N-Methyl-Bis (Trifluoroacetamide) CG	269
355587	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG	277
355650	Silan-Sterol-1 CG	360
353316	Trifluoroacetic Anhydride CG	469
352615	N-(Trimethylsilyl) Diethylamine CG	458
352616	N-(Trimethylsilyl) Imidazole CG	458
355585	Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG	459
Deuterated Solvents		
745839	Acetone-D6 deuteration degree min. 99,95% (NMR) PAI	24
745838	Acetone-D6 deuteration degree min. 99,8% (NMR) PAI	24
745837	Acetone-D6 deuteration degree min. 99,5% (NMR) PAI	24
745842	Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI	27
745841	Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI	27
745840	Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI	27
745845	Benzene-D6 deuteration degree min. 99,95% (NMR) PAI	67
745844	Benzene-D6 deuteration degree min. 99,8% (NMR) PAI	67
745843	Benzene-D6 deuteration degree min. 99,5% (NMR) PAI	68
745851	Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI	140
745849	Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI	140
745854	Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI	147
745853	Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI	148
745852	Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI	148
745855	N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI	159
745862	Dimethyl Sulphoxide-D6 deuteration degree min. 99,95% (NMR) PAI	161
745861	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161
745860	Dimethyl Sulphoxide-D6 deuteration degree min. 99,8% (NMR) PAI	161
745858	Methanol-D4 deuteration degree min. 99,95% (NMR) PAI	266
745857	Methanol-D4 deuteration degree min. 99,8% (NMR) PAI	267
745865	Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI	353
745864	Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI	353
745863	Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI	353
745866	1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI	439
745867	Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI	441
745335	Tetramethylsilane (NMR) PAI	441
745869	Toluene-D8 deuteration degree min. 99,8% (NMR) PAI	448
745868	Toluene-D8 deuteration degree min. 99,5% (NMR) PAI	448
745847	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454
745848	Trichloromethane-D1 deuteration degree min. 99,95% stabilized with Ag (NMR) PAI	454
745846	Trichloromethane-D1 deuteration degree min. 99,8% stabilized with Ag (NMR) PAI	454
745870	Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI	457
745876	Black caps for NMR tubes PAI	461
745872	Tube 5TA (Throw away) 178 mm (NMR) PAI	461
745873	Tube 5P (Precision) 178 mm (NMR) PAI	461
745874	Tube 5HP (High precision) 178 mm (NMR) PAI	461
745875	Tube 5UP (Utra precision) 178 mm (NMR) PAI	461
Other HPLC products		
395138	Kit for HPLC Linearity Verification RS	248
TLC DEVELOPERS, Solution ready to use		
174256	2',7'-Dichlorofluorescein in 2-propanol, TLC developer RE	145
174255	Ninhydrin in 2-propanol, TLC developer RE	297
174249	Rhodamine B in ethanol absolute, TLC developer RE	356
DRY SOLVENTS		
481007	Acetone dry (max. 0,01% water) DS	23
481881	Acetonitrile dry (max. 0,005% water) DS-ACS	26
481192	Benzene dry (max. 0,005% water) DS-ACS-ISO	67
481429	Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS	94
481244	Carbon Disulphide dry (max. 0.005% water) low in aromatic compounds DS-ACS	110
481953	Chlorobenzene dry (max. 0,01% water) DS-ACS	117
481250	Cyclohexane dry (max. 0,005% water) DS-ACS-ISO	135
481286	1,2-Dichloroethane dry (max. 0,005% water) DS-ACS	144
481254	Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO	146
483675	Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol DS-ACS-ISO	147
482770	Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO	150
481785	N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO	158
481954	Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS	161
481296	1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO	163
481086	Ethanol absolute dry (max. 0,02% water) DS	170
481318	Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO	175
482062	n-Heptane dry (max. 0,005% water) DS	202
483242	n-Hexane 95% dry (max. 0,005% water) DS-ACS	207
482064	Isooctane dry (max. 0,005% water) DS-ACS	236
481091	Methanol dry (max. 0,005% water) DS-ACS-ISO	276
482802	Methylcyclohexane dry (max. 0,005% water) DS	270
484462	n-Pentane 95% dry (max. 0,005% water) DS	300
481315	Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO	305
481090	2-Propanol dry (max. 0,01% water) DS-ACS-ISO	349
481457	Pyridine dry (max. 0,01% water) DS-ACS	352
483537	Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS	440
481745	Toluene dry (max. 0,005% water) DS-ACS-ISO	447
483101	Trichloromethane dry (max. 0,005% water) stabilized with ~50 ppm of amylene DS-ACS	451
481769	Xylene, mixture of isomers dry (max. 0,005% water) DS-ISO	469
REAGENTS FOR TRACE ANALYSIS		
Hiperpur-Plus		
711008	Acetic Acid glacial (TMA) HIPERPUR-PLUS	19
711128	Ammonia 20% (as NH3) (TMA) HIPERPUR-PLUS	42
711019	Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS	215
711028	Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS	218
716323	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	221
711037	Nitric Acid 69% (TMA) HIPERPUR-PLUS	285
712175	Perchloric Acid 70% (TMA) HIPERPUR-PLUS	302
711058	Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS	431
711074	Water (TMA) HIPERPUR-PLUS	466
Hiperpur		
721008	Acetic Acid glacial (TMA) HIPERPUR	19
721881	Acetonitrile (HPLC-hypergradient grade) HIPERPUR	25
721128	Ammonia 20% (as NH3) (TMA) HIPERPUR	42
721019	Hydrochloric Acid 35% (TMA) HIPERPUR	215
721028	Hydrofluoric Acid 48% (TMA) HIPERPUR	219
721091	Methanol (HPLC-hypergradient grade) HIPERPUR	264
721037	Nitric Acid 69% (TMA) HIPERPUR	286
722175	Perchloric Acid 70% (TMA) HIPERPUR	302
721058	Sulphuric Acid 93-98% (TMA) HIPERPUR	431
Analpur		
381020	Hydrochloric Acid 37% (TMA) ANALPUR	213
383255	Nitric Acid 65% (TMA) ANALPUR	300
With low content in mercury (Hg)		
471020	Hydrochloric Acid 37% (max.0,0000005% Hg) PA-ACS-ISO	213
471914	Hydroxylammonium Chloride (max. 0,000001% Hg) PA-ACS-ISO	223
473255	Nitric Acid 65% (max. 0,0000005% Hg) PA	287
472175	Perchloric Acid 70% (max. 0,0000005% Hg) PA-ACS-ISO	302
471500	Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO	327
471527	Potassium Permanganate (max. 0,000005% Hg) PA-ACS	341
471659	Sodium Chloride (max. 0,0000005% Hg) PA-ACS-ISO	371
471058	Sulphuric Acid 95-98% (max. 0,0000005% Hg) PA-ACS-ISO	432
471303	Tin(II) Chloride 2-hydrate (max. 0,000005% Hg) PA-ACS	444
Reagent for Hydrures generation in mercury determination		
123314	Sodium Borohydride (Reag. USP) PA	383
Fluxes and auxiliary products for XRF		
125596	Boric Acid in tablets PA	81
122705	Lanthanum(III) Oxide (Reag. Ph. Eur.) PA	242
123205	Lithium meta-Borate anhydrous PA	247
122903	di-Lithium tetra-Borate PA	247
126150	Micropowder Wax (Licowax C®) PA	278
123052	di-Sodium tetra-Borate anhydrous PA	367
Elemental Standards for AAS and spectrophotometry		
313170	Aluminium standard solution Al=1,000±0,002 g/l AA	405
314133	Antimony standard solution Sb=1,000±0,002 g/l AA	405
313171	Arsenic standard solution As=1,000±0,002 g/l AA	405
313172	Barium standard solution Ba=1,000±0,002 g/l AA	406
313174	Bismuth standard solution Bi=1,000±0,002 g/l AA	406
313175	Cadmium standard solution Cd=1,000±0,002 g/l AA	406
313176	Calcium standard solution Ca=1,000±0,002 g/l AA	406
313179	Chromium standard solution Cr=1,000±0,002 g/l AA	406
313177	Cobalt standard solution Co=1,000±0,002 g/l AA	406
313178	Copper standard solution Cu=1,000±0,002 g/l AA	406
312682	Fluoride standard solution F=1,000±0,005 g/l AA	406
313672	Gold standard solution Au=1,000±0,002 g/l AA	406
313182	Iron standard solution Fe=1,000±0,002 g/l AA	406
313189	Lead standard solution Pb=1,000±0,002 g/l AA	406
313183	Lithium standard solution Li=1,000±0,002 g/l AA	406
313184	Magnesium standard solution Mg=1,000±0,002 g/l AA	406
313185	Manganese standard solution Mn=1,000±0,002 g/l AA	406
313186	Mercury standard solution Hg=1,000±0,002 g/l AA	406
314111	Molybdenum standard solution Mo=1,000±0,002 g/l AA	407
313187	Nickel standard solution Ni=1,000±0,002 g/l AA	407
313190	Potassium standard solution K=1,000±0,002 g/l AA	407
313191	Selenium standard solution Se=1,000±0,002 g/l AA	407
312683	Silicon standard solution Si=1,00±0,05 g/l AA	407
313188	Silver standard solution Ag=1,000±0,002 g/l AA	407
313192	Sodium standard solution Na=1,000±0,002 g/l AA	407
313181	Strontium standard solution Sr=1,000±0,002 g/l AA	407
313180	Tin standard solution Sn=1,000±0,002 g/l AA	407
313960	Titanium standard solution Ti=1,000±0,002 g/l AA	407
313193	Zinc standard solution Zn=1,000±0,002 g/l AA	407
Matrix Modifiers and Ionization Buffers for Atomic Absorption		
176167	Buffer Solution Aluminium Nitrate/ Cesium Chloride RE	87
176168	Buffer Solution Cesium Chloride/ Lanthanum Chloride RE	87
176166	Lanthanum Matrix Modifier RE	259
176170	Magnesium Matrix Modifier RE	259
176169	Phosphate Matrix Modifier RE	259
Standards for ICP		
766034	Aluminium standard solution Al=1,000±0,002 g/l ICP	409
775943	Aluminium standard solution Al=10,00±0,02 g/l ICP	409
766035	Antimony standard solution Sb=1,000±0,002 g/l ICP	409
775944	Antimony standard solution Sb=10,00±0,02 g/l ICP	409
766036	Arsenic standard solution As=1,000±0,002 g/l ICP	409

775945	Arsenic standard solution As=10,00±0,02 g/l ICP	409
766037	Barium standard solution Ba=1,000±0,002 g/l ICP	409
775947	Barium standard solution Ba=10,00±0,02 g/l ICP	409
763173	Beryllium standard solution Be=1,000±0,002 g/l ICP	409
775899	Beryllium standard solution Be=10,00±0,02 g/l ICP	409
766039	Bismuth standard solution Bi=1,000±0,002 g/l ICP	409
775948	Bismuth standard solution Bi=10,00±0,02 g/l ICP	409
765900	Boron standard solution B=1,000±0,002 g/l ICP	409
766038	Cadmium standard solution Cd=1,000±0,002 g/l ICP	410
775949	Cadmium standard solution Cd=10,00±0,02 g/l ICP	410
766040	Calcium standard solution Ca=1,000±0,002 g/l ICP	410
775950	Calcium standard solution Ca=10,00±0,02 g/l ICP	410
765901	Cerium standard solution Ce=1,000±0,002 g/l ICP	410
775951	Cerium standard solution Ce=10,00±0,02 g/l ICP	410
765902	Cesium standard solution Cs=1,000±0,002 g/l ICP	410
775952	Cesium standard solution Cs=10,00±0,02 g/l ICP	410
765903	Chloride standard solution Cl=1,000±0,002 g/l ICP	410
775953	Chloride standard solution Cl=10,00±0,02 g/l ICP	410
766043	Chromium standard solution Cr=1,000±0,002 g/l ICP	410
775956	Chromium standard solution Cr=10,00±0,02 g/l ICP	410
766041	Cobalt standard solution Co=1,000±0,002 g/l ICP	410
775954	Cobalt standard solution Co=10,00±0,02 g/l ICP	410
766042	Copper standard solution Cu=1,000±0,002 g/l ICP	411
775955	Copper standard solution Cu=10,00±0,02 g/l ICP	411
765904	Dysprosium standard solution Dy=1,000±0,002 g/l ICP	411
775957	Dysprosium standard solution Dy=10,00±0,02 g/l ICP	411
765905	Erbium standard solution Er=1,000±0,002 g/l ICP	411
775958	Erbium standard solution Er=10,00±0,02 g/l ICP	411
765906	Europium standard solution Eu=1,000±0,002 g/l ICP	411
775962	Europium standard solution Eu=10,00±0,02 g/l ICP	411
765908	Gadolinium standard solution Gd=1,000±0,002 g/l ICP	411
775963	Gadolinium standard solution Gd=10,00±0,02 g/l ICP	411
765909	Gallium standard solution Ga=1,000±0,002 g/l ICP	411
775964	Gallium standard solution Ga=10,00±0,02 g/l ICP	411
765910	Germanium standard solution Ge=1,000±0,002 g/l ICP	412
775965	Germanium standard solution Ge=10,00±0,02 g/l ICP	412
766061	Gold standard solution Au=1,000±0,002 g/l ICP	412
775984	Gold standard solution Au=10,00±0,02 g/l ICP	412
765911	Hafnium standard solution Hf=1,000±0,002 g/l ICP	412
775966	Hafnium standard solution Hf=10,00±0,02 g/l ICP	412
765912	Holmium standard solution Ho=1,000±0,002 g/l ICP	412
775968	Holmium standard solution Ho=10,00±0,02 g/l ICP	412
765913	Indium standard solution In=1,000±0,002 g/l ICP	412
775969	Indium standard solution In=10,00±0,02 g/l ICP	412
765941	Iridium standard solution Ir=1,000±0,002 g/l ICP	412
775970	Iridium standard solution Ir=10,00±0,02 g/l ICP	412
766049	Iron standard solution Fe=1,000±0,002 g/l ICP	412
775967	Iron standard solution Fe=10,00±0,02 g/l ICP	413
765916	Lanthanum standard solution La=1,000±0,002 g/l ICP	413
775973	Lanthanum standard solution La=10,00±0,02 g/l ICP	413
766063	Lead standard solution Pb=1,000±0,002 g/l ICP	413
775988	Lead standard solution Pb=10,00±0,02 g/l ICP	413
766059	Lithium standard solution Li=1,000±0,002 g/l ICP	413
775974	Lithium standard solution Li=10,00±0,02 g/l ICP	413
765917	Lutetium standard solution Lu=1,000±0,002 g/l ICP	413
775975	Lutetium standard solution Lu=10,00±0,02 g/l ICP	413
766051	Magnesium standard solution Mg=1,000±0,002 g/l ICP	413
775976	Magnesium standard solution Mg=10,00±0,02 g/l ICP	413
766052	Manganese standard solution Mn=1,000±0,002 g/l ICP	413
775977	Manganese standard solution Mn=10,00±0,02 g/l ICP	414
766060	Mercury standard solution Hg=1,000±0,002 g/l ICP	414
775978	Mercury standard solution Hg=10,00±0,02 g/l ICP	414
766053	Molybdenum standard solution Mo=1,000±0,002 g/l ICP	414
775979	Molybdenum standard solution Mo=10,00±0,02 g/l ICP	414
765918	Neodymium standard solution Nd=1,000±0,002 g/l ICP	414
775980	Neodymium standard solution Nd=10,00±0,02 g/l ICP	414
766054	Nickel standard solution Ni=1,000±0,002 g/l ICP	414
775982	Nickel standard solution Ni=10,00±0,02 g/l ICP	414
765919	Niobium standard solution Nb=1,000±0,002 g/l ICP	414
775981	Niobium standard solution Nb=10,00±0,02 g/l ICP	414
765920	Nitrogen standard solution N=1,000±0,002 g/l ICP	414
775983	Nitrogen standard solution N=10,00±0,02 g/l ICP	414
765921	Osmium standard solution Os=1,000±0,002 g/l ICP	415
765922	Palladium standard solution Pd=1,000±0,002 g/l ICP	415
775985	Palladium standard solution Pd=10,00±0,02 g/l ICP	415
766384	Phosphorus standard solution P=1,000±0,002 g/l ICP	415
775907	Phosphorus standard solution P=10,00±0,02 g/l ICP	415
765923	Platinum standard solution Pt=1,000±0,002 g/l ICP	415
775987	Platinum standard solution Pt=10,00±0,02 g/l ICP	415
766050	Potassium standard solution K=1,000±0,002 g/l ICP	415
775989	Potassium standard solution K=10,00±0,02 g/l ICP	415
765924	Praseodymium standard solution Pr=1,000±0,002 g/l ICP	415
775990	Praseodymium standard solution Pr=10,00±0,02 g/l ICP	415
765925	Rhenium standard solution Re=1,000±0,002 g/l ICP	415
775991	Rhenium standard solution Re=10,00±0,02 g/l ICP	415
765926	Rhodium standard solution Rh=1,000±0,002 g/l ICP	416
775992	Rhodium standard solution Rh=10,00±0,02 g/l ICP	416
765927	Rubidium standard solution Rb=1,000±0,002 g/l ICP	416
775993	Rubidium standard solution Rb=10,00±0,02 g/l ICP	416
765928	Ruthenium standard solution Ru=1,000±0,002 g/l ICP	416
775994	Ruthenium standard solution Ru=10,00±0,02 g/l ICP	416
765929	Samarium standard solution Sm=1,000±0,002 g/l ICP	416
775995	Samarium standard solution Sm=10,00±0,02 g/l ICP	416
765930	Scandium standard solution Sc=1,000±0,002 g/l ICP	416
775959	Scandium standard solution Sc=10,00±0,02 g/l ICP	416
766055	Selenium standard solution Se=1,000±0,002 g/l ICP	416
775996	Selenium standard solution Se=10,00±0,02 g/l ICP	416
765997	Silicon standard solution Si=1,000±0,002 g/l ICP	417
775998	Silicon standard solution Si=10,00±0,02 g/l ICP	417
766062	Silver standard solution Ag=1,000±0,002 g/l ICP	417
775986	Silver standard solution Ag=10,00±0,02 g/l ICP	417
766056	Sodium standard solution Na=1,000±0,002 g/l ICP	417
775999	Sodium standard solution Na=10,00±0,02 g/l ICP	417
766048	Strontium standard solution Sr=1,000±0,002 g/l ICP	417
775961	Strontium standard solution Sr=10,00±0,02 g/l ICP	417
765898	Sulphur standard solution S=1,000±0,002 g/l ICP	417
775946	Sulphur standard solution S=10,00±0,02 g/l ICP	417
765932	Tantalum standard solution Ta=1,000±0,002 g/l ICP	417
776001	Tantalum standard solution Ta=10,00±0,02 g/l ICP	417
765933	Tellurium standard solution Te=1,000±0,002 g/l ICP	417
776002	Tellurium standard solution Te=10,00±0,02 g/l ICP	418
765934	Terbium standard solution Tb=1,000±0,002 g/l ICP	418
776003	Terbium standard solution Tb=10,00±0,02 g/l ICP	418
765931	Thallium standard solution Tl=1,000±0,002 g/l ICP	418
776000	Thallium standard solution Tl=10,00±0,02 g/l ICP	418
765935	Thorium standard solution Th=1,000±0,002 g/l ICP	418
776005	Thorium standard solution Th=10,00±0,02 g/l ICP	418
765936	Thullium standard solution Tm=1,000±0,002 g/l ICP	418
776006	Thullium standard solution Tm=10,00±0,02 g/l ICP	418
766047	Tin standard solution Sn=1,000±0,002 g/l ICP	418
775960	Tin standard solution Sn=10,00±0,02 g/l ICP	418
766057	Titanium standard solution Ti=1,000±0,002 g/l ICP	418
776004	Titanium standard solution Ti=10,00±0,02 g/l ICP	419
765937	Uranium standard solution U=1,000±0,002 g/l ICP	419
776007	Uranium standard solution U=10,00±0,02 g/l ICP	419
765938	Vanadium standard solution V=1,000±0,002 g/l ICP	419
776008	Vanadium standard solution V=10,00±0,02 g/l ICP	419
765939	Wolfram standard solution W=1,000±0,002 g/l ICP	419
776009	Wolfram standard solution W=10,00±0,02 g/l ICP	419
765914	Ytterbium standard solution Yb=1,000±0,002 g/l ICP	419
775971	Ytterbium standard solution Yb=10,00±0,02 g/l ICP	419
765915	Yttrium standard solution Y=1,000±0,002 g/l ICP	419
775972	Yttrium standard solution Y=10,00±0,02 g/l ICP	419
766058	Zinc standard solution Zn=1,000±0,002 g/l ICP	419
776010	Zinc standard solution Zn=10,00±0,02 g/l ICP	419
765940	Zirconium standard solution Zr=1,000±0,002 g/l ICP	420
776011	Zirconium standard solution Zr=10,00±0,02 g/l ICP	420
766336	Multielement standard solution 100 mg/l: Hf, Ir, Sb, Sn, Ta, Ti, Zr ICP	420
766334	Multielement standard solution 100 mg/l: As, Be, Cd, Cr, Pb, Hg, Ni, Se, Tl ICP	420
766335	Multielement standard solution 100 mg/l: As, Be, Ca, Cd, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Ni, Pb, Sb, Se, Sr, Ti, Tl, V, Zn ICP	420
766333	Multielement standard solution 100 mg/l: Al, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Se, Sr, Te, Tl, Zn ICP	420
766332	Multielement standard solution 1000 mg/l: Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Tl, Zn ICP	420
786349	Zinc standard solution Zn=1,000±0,002 g/l IC	420
Standards dissolved in oil for ICP		
766428	Barium standard dissolved in oil Ba=1000±5 mg/g ICP	420
766427	Calcium standard dissolved in oil Ca=1000±5 mg/g ICP	420
766429	Chromium standard dissolved in oil Cr=1000±5 mg/g ICP	420
766430	Cobalt standard dissolved in oil Co=1000±5 mg/g ICP	420
766431	Copper standard dissolved in oil Cu=1000±5 mg/g ICP	420
766433	Iron standard dissolved in oil Fe=1000±5 mg/g ICP	420
766434	Magnesium standard dissolved in oil Mg=1000±5 mg/g ICP	421
766436	Lead standard dissolved in oil Pb=1000±5 mg/g ICP	421
766435	Nickel standard dissolved in oil Ni=1000±5 mg/g ICP	421
766432	Phosphorus standard dissolved in oil P=1000±5 mg/g ICP	421
766437	Potassium standard dissolved in oil K=1000±5 mg/g ICP	421
766438	Sodium standard dissolved in oil Na=1000±5 mg/g ICP	421

766440	Sulphur standard dissolved in oil S=1000±5 mg/g ICP	421
766439	Zinc standard dissolved in oil Zn=1000±5 mg/g ICP	421
Standards for Ion Chromatography (IC)		
784241	Ammonium standard solution NH4=1,000±0,002 g/l IC	421
786347	Barium standard solution Ba=1,000±0,002 g/l IC	421
784239	Bromide standard solution Br=1,000±0,002 g/l IC	421
786345	Calcium standard solution Ca=1,000±0,002 g/l IC	421
786916	Cesium *standard solution Cs=1,000±0,002 g/l IC	421
786918	Cobalt *standard solution Co=1,000±0,002 g/l IC	421
786919	Copper *standard solution Cu=1,000±0,002 g/l IC	421
786917	Cyanide *standard solution CN=1,000±0,002 g/l IC	421
784238	Chloride standard solution Cl=1,000±0,002 g/l IC	422
786326	Chromate standard solution CrO4=1,000±0,002 g/l IC	422
786921	Chromium(III) *standard solution	
	Cr=1,000±0,002 g/l IC	422
786920	Chromium(VI) *standard solution	
	Cr=1,000±0,002 g/l IC	422
786328	Fluoride standard solution F=1,000±0,002 g/l IC	422
786923	Hydrazine *standard solution	
	NH2NH3=1,000±0,002 g/l IC	422
786924	Hydrogen *standard solution	
	HCO3=1,000±0,002 g/l IC	422
786934	Iodide *standard solution I=1,000±0,002 g/l IC	422
786925	Iron *standard solution Fe=1,000±0,002 g/l IC	422
786931	Lead *standard solution Pb=1,000±0,002 g/l IC	422
786348	Lithium standard solution Li=1,000±0,002 g/l IC	422
786346	Magnesium standard solution Mg=1,000±0,002 g/l IC	422
786350	Manganese standard solution Mn=1,000±0,002 g/l IC	422
786926	Mercury *standard solution Hg=1,000±0,002 g/l IC	422
786927	Nickel *standard solution Ni=1,000±0,002 g/l IC	422
784237	Nitrate standard solution NO_3=1,000±0,002 g/l IC	422
786327	Nitrite standard solution NO_2=1,000±0,002 g/l IC	423
786325	Nitrogen standard solution N=1,000±0,002 g/l IC	423
786928	Nitrogen (NO_2-) *standard solution	
	N=1,000±0,002 g/l IC	423
786929	Nitrogen (NO_3-) *standard solution	
	N=1,000±0,002 g/l IC	423
784236	Phosphate standard solution PO_4=1,000±0,002 g/l IC	423
786922	Phosphorus *standard solution P=1,000±0,002 g/l IC	423
784242	Potassium standard solution K=1,000±0,002 g/l IC	423
786932	Rubidium *standard solution Rb=1,000±0,002 g/l IC	423
786930	Silver *standard solution Ag=1,000±0,002 g/l IC	423
784243	Sodium standard solution Na=1,000±0,002 g/l IC	423
786329	Sulphate standard solution SO_4=1,000±0,002 g/l IC	423
786933	Sulfur *standard solution S=1,000±0,002 g/l IC	423
786351	Strontium standard solution Sr=1,000±0,002 g/l IC	423
786349	Zinc *standard solution Zn=1,000+-0,002 g/l IC	423
786937	Multielement standard solution, anionic III IC	423
786938	Multielement standard solution, anionic IV IC	424
786939	Multielement standard solution, anionic V IC	424
786941	Multielement standard solution, cationic II IC	424
786942	Multielement standard solution, cationic III IC	424
786943	Multielement standard solution, cationic IV IC	424
VOLUMETRY		
Volumetric Solutions		
181011	Acetic Acid 0,1 mol/l (0,1N) SV	21
182118	Acetic Acid 0,5 mol/l (0,5N) SV	21
181009	Acetic Acid 1 mol/l (1N) SV	21
181132	Ammonia 1 mol/l (1N) SV	43
181369	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50
185227	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50
181367	Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV	51
181144	Ammonium Thiocyanate 0,1 mol/l (0,1N) SV	54
182126	Ammonium Thiocyanate 1 mol/l (1N) SV	55
181184	Barium Chloride 0,1 mol/l (0,1M) SV	64
182131	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65
183141	Benzethonium Chloride 0,004 mol/l (0,004M) SV	68
186228	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68
182000	Bromine (Bromate-Bromide) 0,05 mol/l (0,1N) SV	79
182136	Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV	114
181249	Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV	114
181271	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132
181671	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178
184489	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178
182120	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
181670	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178
182884	Hydrochloric Acid 0,01 mol/l (0,01N) SV	217
182107	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217
181023	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217
182318	Hydrochloric Acid 0,25 mol/l (0,25N) SV	217
185423	Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV	217
183878	Hydrochloric Acid 0,3571 mol/l (N/2,8) SV	217
181022	Hydrochloric Acid 0,5 mol/l (0,5N) SV	217
181021	Hydrochloric Acid 1 mol/l (1N) SV	217
182108	Hydrochloric Acid 2 mol/l (2N) SV	217
182057	Hydrochloric Acid 3 mol/l (3N) SV	218
183879	Hydrochloric Acid 3,571 mol/l (3,571N) SV	218
182109	Hydrochloric Acid 5 mol/l (5N) SV	218
181969	Iodine 0,01 mol/l (0,02N) SV	228
182915	Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV	228
182161	Iodine 0,025 mol/l (0,05N) SV	228
181772	Iodine 0,05 mol/l (0,1N) SV	228
182162	Iodine 0,5 mol/l (1N) SV	228
181405	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255
182138	Mercury(II) Nitrate 0,005 mol/l (0,01N) SV	262
181425	Mercury(II) Nitrate 0,01 mol/l (0,02N) SV	262
181424	Mercury(II) Nitrate 0,05 mol/l (0,1N) SV	262
181040	Nitric Acid 0,1 mol/l (0,1N) SV	288
182111	Nitric Acid 0,5 mol/l (0,5N) SV	288
181039	Nitric Acid 1 mol/l (1N) SV	288
182112	Nitric Acid 2 mol/l (2N) SV	288
182123	Oxalic Acid 0,025 mol/l (0,05N) SV	294
181043	Oxalic Acid 0,05 mol/l (0,1N) SV	295
181042	Oxalic Acid 0,5 mol/l (1N) SV	295
181047	Perchloric Acid 0,1 mol/l (0,1N) in 1,4-dioxan SV	304
181046	Perchloric Acid 0,1 mol/l (0,1N) in acetic acid SV	304
185310	Perchloric Acid 1 mol/l (1N) SV	304
181488	Potassium Bromate 1/60 mol/l (0,1N) SV	321
182252	Potassium Chloride 1 mol/l (1N) SV	324
182251	Potassium Chloride 0,1 mol/l (0,1N) SV	324
185836	Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
184385	Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
181502	Potassium Dichromate 1/60 mol/l (0,1N) SV	327
182142	Potassium Dichromate 1/24 mol/l (0,25N) SV	328
181501	Potassium Dichromate 1/6 mol/l (1N) SV	328
181504	Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV	330
181521	Potassium Hydroxide 0,1 mol/l (0,1N) SV	335
182146	Potassium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	335
182147	Potassium Hydroxide 0,1 mol/l (0,1N) methanolic SV	335
183336	Potassium Hydroxide 0,1 mol/l (0,1N) in 2-propanol SV	335
183354	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336
181518	Potassium Hydroxide 0,5 mol/l (0,5N) SV	336
181519	Potassium Hydroxide 0,5 mol/l (0,5N) ethanolic SV	336
181520	Potassium Hydroxide 0,5 mol/l (0,5N) methanolic SV	336
181517	Potassium Hydroxide 1 mol/l (1N) SV	336
184438	Potassium Hydroxide 1 mol/l (1N) ethanolic SV	336
182145	Potassium Hydroxide 2 mol/l (2N) SV	336
181541	Potassium Iodate 0,05 mol/l (0,3N) SV	337
182806	Potassium Iodate 1/60 mol/l (0,1N) SV	337
181544	Potassium Iodide 0,1 mol/l (0,1N) SV	338
182256	Potassium Iodide 1 mol/l (1N) SV	338
182114	Potassium Permanganate 0,01 mol/l (0,05N) SV	341
181529	Potassium Permanganate 0,02 mol/l (0,1N) SV	341
182651	Potassium Permanganate 0,1 mol/l (0,5N) SV	341
181528	Potassium Permanganate 0,2 mol/l (1N) SV	342
181535	Potassium Thiocyanate 0,1 mol/l (0,1N) SV	345
182564	Silver Nitrate 0,01 mol/l (0,01N) SV	362
181465	Silver Nitrate 0,02 mol/l (0,02N) SV	362
182115	Silver Nitrate 0,05 mol/l (0,05N) SV	363
181464	Silver Nitrate 0,1 mol/l (0,1N) SV	363
182116	Silver Nitrate 1 mol/l (1N) SV	363
183706	Sodium Acetate 0,1 mol/l (0,1N) in acetic acid SV	365
181152	Sodium meta-Arsenite 0,05 mol/l (0,1N) SV	366
181649	Sodium Carbonate 0,5 mol/l (1N) SV	370
181661	Sodium Chloride 0,1 mol/l (0,1N) SV	372
184770	Sodium Chloride 1 mol/l (1N) SV	372
182792	Sodium Dodecyl Sulphate 0,004 mol/l SV	376
183397	Sodium Hydroxide 0,02 mol/l (0,02N) SV	386
182296	Sodium Hydroxide 0,025 mol/l (0,025N) SV	386
181584	Sodium Hydroxide 0,04 mol/l (0,04N) SV	386
182153	Sodium Hydroxide 0,05 mol/l (0,05N) SV	386
181693	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
181694	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
182284	Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	387
183154	Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV	387
182971	Sodium Hydroxide 0,2 mol/l (0,2N) SV	387
182155	Sodium Hydroxide 0,25 mol/l (0,25N) SV	387
183337	Sodium Hydroxide 0,313 mol/l (0,313N) SV	387
182156	Sodium Hydroxide 0,3546 mol/l (N/2,82) SV	387
181692	Sodium Hydroxide 0,5 mol/l (0,5N) SV	387
181691	Sodium Hydroxide 1 mol/l (1N) SV	387
182415	Sodium Hydroxide 1 mol/l (1N) SV	388
182265	Sodium Hydroxide 1 mol/l (1N) ethanolic SV	388
182158	Sodium Hydroxide 2 mol/l (2N) SV	388
183466	Sodium Hydroxide 4 mol/l (4N) SV	388
182159	Sodium Hydroxide 5 mol/l (5N) SV	388
182292	Sodium Thiocyanate 0,1 mol/l (0,1N) SV	401
182577	Sodium Thiosulphate 0,01 mol/l (0,01N) SV	402
182914	Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV	402
182160	Sodium Thiosulphate 0,05 mol/l (0,05N) SV	402
181723	Sodium Thiosulphate 0,1 mol/l (0,1N) SV	402
183489	Sodium Thiosulphate 0,2 mol/l (0,2N) SV	402
181722	Sodium Thiosulphate 1 mol/l (1N) SV	402
182102	Sulphuric Acid 0,01 mol/l (0,02N) SV	434
182103	Sulphuric Acid 0,025 mol/l (0,05N) SV	434
181061	Sulphuric Acid 0,05 mol/l (0,1N) SV	434
182011	Sulphuric Acid 0,1 mol/l (0,2N) SV	434
183335	Sulphuric Acid 0,1275 mol/l (0,255N) SV	434
181060	Sulphuric Acid 0,25 mol/l (0,5N) SV	434
181059	Sulphuric Acid 0,5 mol/l (1N) SV	434
182105	Sulphuric Acid 1 mol/l (2N) SV	435
182106	Sulphuric Acid 2,5 mol/l (5N) SV	435
185314	Sulphuric Acid 4 mol/l (8N) SV	435
186364	Sulphuric Acid 5 mol/l (10N) SV	435
183669	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV	438
185225	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV	439
182163	Zinc Sulphate 0,05 mol/l (0,05M) SV	477
181789	Zinc Sulphate 0,1 mol/l (0,1M) SV	477
Concentrated Volumetric Solutions		
303116	Ammonium Thiocyanate 0,1 mol (7,612g NH4SCN) to prepare 1l of 0,1N solution SVc	55
303118	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g $C_{10}H_{14}N_2Na_2O_8.2H_2O$) to prep.1l of 0,1M sol. SVc	178
303110	Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SVc	217
303111	Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SVc	217
303112	Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SVc	217
303119	Iodine 0,05 mol (12,690g I2) to prepare 1l of 0,1N solution SVc	228
303113	Oxalic Acid 0,05 mol (6,303g $C_2H_2O_4$) to prepare 1l of 0,1N solution SVc	295
303120	Potassium Dichromate 1/60 mol (4,903g $K_2Cr_2O_7$) to prepare 1l of 0,1N solution SVc	328
303121	Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SVc	335
303122	Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SVc	336
303123	Potassium Hydroxide 1 mol (56,109g KOH) to prepare 1l of 1N solution SVc	336
303124	Potassium Permanganate 0,02 mol (3,161g $KMnO_4$) to prepare 1l of 0,1N solution SVc	341
303117	Silver Nitrate 0,1 mol (16,987g $AgNO_3$) to prepare 1l of 0,1N solution SVc	363

303125	Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SVc	387
303126	Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SVc	388
303127	Sodium Thiosulphate 0,1 mol (24,818g $Na_2S_2O_3.5H_2O$) to prepare 1l of 0,1N solution SVc	402
303114	Sulphuric Acid 0,05 mol (4,904g H_2SO_4) to prepare 1l of 0,1N solution SVc	434
303115	Sulphuric Acid 0,5 mol (49,039g H_2SO_4) to prepare 1l of 1N solution SVc	434
Standards for Volumetric Analysis		
241151	Arsenic(III) Oxide EQP-ACS	60
241014	Benzoic Acid EQP	69
241487	Potassium Bromate EQP-ACS-ISO	321
241494	Potassium Chloride EQP-ACS-ISO	323
241500	Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO	326
242697	Potassium Hydrogen Diiodate EQP-ACS	330
241481	Potassium Hydrogen Phthalate EQP-ACS-ISO	333
241540	Potassium Iodate EQP-ACS-ISO	337
241459	Silver Nitrate EQP-ACS-ISO	362
241648	Sodium Carbonate anhydrous EQP-ACS-ISO	369
241659	Sodium Chloride EQP-ACS-ISO	371
241706	di-Sodium Oxalate EQP-ACS	393
241719	Sodium Tartrate 2-hydrate EQP-ACS	400
241940	Tris (Hydroxymethyl) Aminomethane EQP-ACS	459
241786	Zinc Oxide EQP-ACS	474
COMPLEXOMETRY		
Indicators		
122619	Alizarin-3-Methylamine-N,N-Diacetic Acid (Reag. Ph. Eur.) PA	32
121605	Alizarin Red S (C.I. 58005) PA	32
122370	Arsenazo III (Reag. USP) PA	60
122638	Bromopyrogallol Red PA	86
122053	Calcein PA	101
124537	Calcon (C.I. 15705) PA	108
123575	Calconcarboxylic Acid (Reag. Ph. Eur.) PA	108
131791	Dithizone (Reag. Ph. Eur.) PA-ACS	165
131439	Eriochrome Black T (C.I. 14645) PA-ACS	168
281440	Eriochrome Black T solution 1% RV	168
124253	Eriochromecyanine R (C.I. 43820) PA	168
121344	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
131352	8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS	225
285406	Indicator Buffer Tablets RV	226
131617	Methyl Red (C.I. 13020) PA-ACS	276
132618	Methylthymol Blue Sodium Salt PA-ACS	277
131436	Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS	280
281437	Murexide 1% in Sodium Chloride RV	280
133066	Naphthol Green B (C.I. 10020) PA-ACS	281
132637	Phthalein Purple PA-ACS	315
132071	4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS	353
122643	Pyrocatechol Violet PA	354
122639	Pyrogallol Red PA	354
131668	Sodium Diethyldithiocarbamate 3-hydrate (Reag. Ph. Eur.) PA-ACS	375
12C071	SPADNS PA	420
132838	5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS	430
122470	Titan Yellow (C.I. 19540) PA	446
132617	Xylenol Orange Tetrasodium Salt PA-ACS	472
Reagents for Complexometry		
131026	Ethylenediaminetetraacetic Acid PA-ACS	177
144559	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
142091	Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS	177
142093	Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS	177
131669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	178
141952	Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS	178
144108	Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS	179
132346	Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS	289
121750	Triethanolamine PA	455
Volumetric Solutions for Complexometry		
181184	Barium Chloride 0,1 mol/l (0,1M) SV	64
182131	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65
281280	Complexon-Magnesium 0,1 mol/l RV	127
181271	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132
181671	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178
184489	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178
182120	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
181670	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178
303118	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g $C_{10}H_{14}N_2Na_2O_8.2H_2O$) to prep.1l of 0,1M sol. SVc	178
181405	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255
282298	Sodium Acetate 0,1 mol/l (0,1M) RV	365
281634	Sodium Acetate 1 mol/l (1M) RV	365
182163	Zinc Sulphate 0,05 mol/l (0,05M) SV	477
181789	Zinc Sulphate 0,1 mol/l (0,1M) SV	477
Buffer for Complexometry		
281730	Buffer Solution pH 10 RV	87
INDICATORS		
pH Indicators		
121094	Alizarin (C.I. 58000) PA	32
121605	Alizarin Red S (C.I. 58005) PA	32
121105	Alizarin Yellow GG (C.I. 14025) PA	33
121106	Alizarin Yellow R (C.I. 14030) PA	33
122593	Bromochlorophenol Blue PA	81
131759	Bromocresol Green PA-ACS	82
121546	Bromocresol Purple PA	82
125027	Bromocresol Purple Sodium Salt PA	82
131165	Bromophenol Blue PA-ACS	86
122638	Bromopyrogallol Red PA	86
131167	Bromothymol Blue PA-ACS	86
121609	Chlorophenol Red PA	121
121272	Cochineal (C.I. 75470) PA	127
121611	Congo Red (C.I. 22120) PA	128
122644	o-Cresolphthalein PA	132
121548	m-Cresol Purple PA	132
121613	Cresol Red PA	132
124746	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134
121292	4-(Dimethylamino) Azobenzene (C.I. 11020) PA	156
121344	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
121747	Litmus soluble PA	249
171747	Litmus soluble RE	249
121107	Metanil Yellow (C.I. 13065) PA	264
131431	Methyl Orange (C.I. 13025) PA-ACS	273
131617	Methyl Red (C.I. 13020) PA-ACS	276
133234	Methyl Red Sodium Salt (C.I. 13020) PA-ACS	276
132618	Methylthymol Blue Sodium Salt PA-ACS	277
121619	Neutral Red (C.I. 50040) PA	282
122031	4-Nitrophenol PA	291
131325	Phenolphthalein (Reag. Ph. Eur.) PA-ACS	309
131615	Phenol Red PA-ACS	309
133331	Phenol Red Sodium Salt PA-ACS	310
122849	Quinaldine Red PA	355
121591	Resazurin PA	355
121051	Rosolic Acid (C.I. 43800) PA	357
131173	Thymol Blue PA-ACS	444
131739	Thymolphthalein PA-ACS	444
122470	Titan Yellow (C.I. 19540) PA	446
pH Indicators in solution		
281095	Alizarin solution 0,1% RV	32
281760	Bromocresol Green solution 0,04% RV	82
282861	Bromocresol Purple solution 0,025% RV	82
281547	Bromocresol Purple solution 0,04% RV	82
283357	Bromocresol Purple 0,2% tablets 0,1g RV	82
281166	Bromophenol Blue solution 0,04% RV	86
281168	Bromothymol Blue solution 0,04% RV	86
281614	Cresol Red solution 0,04% RV	133
282430	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV	226
283303	Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV	226
281748	Litmus stain RV	249
281433	Methyl Orange solution 0,04% RV	273
281432	Methyl Orange solution 0,1% RV	273
281618	Methyl Red solution 0,1% RV	276
281109	Methyl Yellow solution 0,5% RV	278
281620	Neutral Red solution 0,1% RV	282
281326	Phenolphthalein solution 0,2% RV	309
281327	Phenolphthalein solution 1% RV	309
281616	Phenol Red solution 0,02% RV	309
281370	Universal Indicator of pH, solution RV	313
281175	Thymol Blue solution 0,04% RV	444
281740	Thymolphthalein solution 0,1% RV	444
pH Indicators papers		
524150	Universal Paper Reel pH 1-11 (gradation 1,0)	312
524151	Universal Paper Reel pH 1-14 (gradation 1,0/2,0)	312
524152	Special Paper Reel pH 5,5-9, (gradation 0,5)	312
524153	Special Paper Reel pH 3,8-5,8 (gradation 0,2/0,3)	312
524154	Special Paper Reel pH 0,5-5,5 (gradation 0,5)	312
524155	Special Paper Reel pH 9,0-13,0 (gradation 0,5)	312
524169	Tricolor Paper Reel pH 1-11 (gradation 1,0)	312
524156	Strips pH 3,8-5,5 (gradation 0,2/0,3)	312
524157	Strips pH 6,0-8,1 (gradation 0,3)	312
524158	Strips pH 2,8-4,6 (gradation 0,2/0,3)	312
524159	Strips pH 1-12 (gradation 1,0)	312
524160	Strips pH 5,2-6,8 (gradation 0,2/0,3)	312
524161	Strips pH 1,8-3,8 (gradation 0,2/0,3)	312
524162	Strips pH 7,2-8,8 (gradation 0,2/0,3)	312
524163	Strips pH 9,5-12,0 (gradation 0,5)	313
524164	Non bleeding sticks pH 0-14 (gradation 1,0)	313
524165	Non bleeding sticks pH 4,5-10,0 (gradation 0,5)	313
524166	Non bleeding sticks pH 3,6-6,1 (gradation 0,3/0,5)	313
524167	Non bleeding sticks pH 0,0-6,0 (gradation 0,5)	313
524168	Non bleeding sticks pH 7,0-14,0 (gradation 0,5)	313
Indicators for non aqueous titrations		
131762	Crystal Violet (C.I. 42555) PA-ACS	133
281764	Crystal Violet solution 0,5% in acetic acid RV	133
122849	Quinaldine Red PA	355
123605	3',3",5',5"-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA	438
Redox Indicators		
132056	2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	148
131828	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
121828	Diphenylamine PA	164
123577	1,5-Diphenylcarbazide PA	165
283462	Ferroin solution 0,025 mol/l (0,025M) RV	183
131321	1,10-Phenanthroline 1-hydrate PA-ACS	308
122353	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	310
132845	4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS	310
Adsorption Indicators		
131165	Bromophenol Blue PA-ACS	86
131167	Bromothymol Blue PA-ACS	86
133606	2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS	145
131828	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
133577	1,5-Diphenylcarbazide (symmetrical) (Reag. Ph. Eur.) PA-ACS	164
132228	1,5-Diphenylcarbazone (contains diphenylcarbazide) (Reag. Ph. Eur.) PA-ACS	165
252782	Eosin Bluish (C.I. 45400) DC	167
131299	Eosin Yellowish (C.I. 45380) PA-ACS	168
121832	Fluorescein (C.I. 45350) PA	184
122389	Fluorescein Sodium (C.I. 45350) PA	184
122470	Titan Yellow (C.I. 19540) PA	446
Miscellaneous Indicators		
281366	Alum Iron Ammonium saturated solution RV	37
124886	Amaranth (C.I. 16185) (Reag. USP) PA	37
124746	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134
122844	3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA	141
123376	Disulphine Blue (C.I. 42045) PA	165
123718	Ethyl Violet (C.I. 42600) PA	182
286330	Indicator, Mixed (Dimidium Bromide-Disulphine Blue) RV	226
282430	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV	226
283303	Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV	226
285406	Indicator Buffer Tablets RV	226
121814	Orange II (C.I. 15510) PA	293
281498	Potassium Chromate solution 5% w/v RV	325
281499	Potassium Chromate solution 10% w/v RV	325
121096	Starch from Potato soluble (Reag. USP, Ph. Eur.) PA	426
283146	Starch solution 1% RV	426
pH BUFFERS		
Solutions		
272580	Buffer Solution pH 1,00 ±0,02 (20°C) ST	88
272581	Buffer Solution pH 2,00 ±0,02 (20°C) ST	88
272537	Buffer Solution pH 3,00 ±0,02 (20°C) ST	88
272168	Buffer Solution pH 4,00 ±0,02 (20°C) ST	89
273616	Buffer Solution pH 4,00 ±0,02 (20°C) (red colour) ST	89
272582	Buffer Solution pH 5,00 ±0,02 (20°C) ST	89
272549	Buffer Solution pH 6,00 ±0,02 (20°C) ST	89
272170	Buffer Solution pH 7,00 ±0,02 (20°C) ST	89
273617	Buffer Solution pH 7,00 ±0,02 (20°C) (yellow colour) ST	89
273108	Buffer Solution pH 7,02 ±0,02 (20°C) ST	90
272583	Buffer Solution pH 8,00 ±0,02 (20°C) ST	90
272172	Buffer Solution pH 9,00 ±0,02 (20°C) ST	90

273107	Buffer Solution pH 9,23 ±0,02 (20°C) ST	90
272584	Buffer Solution pH 10,00 ±0,05 (20°C) ST	90
273618	Buffer Solution pH 10,00 ±0,05 (20°C) (blue colour) ST	90
272585	Buffer Solution pH 11,00 ±0,05 (20°C) ST	91
272586	Buffer Solution pH 12,00 ±0,05 (20°C) ST	91
272587	Buffer Solution pH 13,00 ±0,05 (20°C) ST	91
273301	Buffer Solution pH 7,40 ±0,02 (20°C) ST	91
273302	Buffer Solution pH 7,60 ±0,02 (20°C) ST	91
pH buffers in capsules		
293164	pH Buffer 4,01 ±0,02 (25°C) (capsules) STc	88
293165	pH Buffer 7,00 ±0,02 (25°C) (capsules) STc	88
293166	pH Buffer 9,00 ±0,02 (25°C) (capsules) STc	88
293167	pH Buffer 10,00 ±0,02 (25°C) (capsules) STc	88
TISAB SOLUTIONS		
275210	TISAB I (ASTM D 1179) for samples containing <0,1 ppm in Fe and/or Al ST	445
274765	TISAB II (STANDARD METHODS/AOAC) for samples containing <3 ppm in Fe and/or Al ST	445
273526	TISAB III Concentrated solution for samples containing <3 ppm in Fe and/or Al ST	445
273531	TISAB IV (ASTM D 1179) for samples containing <100 ppm in Fe and/or Al ST	445
275211	TISAB B (F.C.C.) in food analysis ST	445
AUXILIARY SOLUTIONS FOR pH-METRY		
For pH Scales		
171023	Hydrochloric Acid 0,1 mol/l (0,1N) RE	226
171694	Sodium Hydroxide 0,1 mol/l (0,1N) RE	402
For Electrodes		
285316	Aluminium Sulphate 0,9 mol/l RV	36
285251	Diaphragms Cleaning Solution RV	141
285253	Electrode-Reactivating Solution RV	166
285250	Lithium Chloride 1 mol/l in ethanol RV	248
285249	Lithium Chloride 1 mol/l in glacial acetic acid RV	248
281495	Potassium Chloride saturated solution RV	324
282775	Potassium Chloride 3 mol/l RV	324
282923	Potassium Chloride 3 mol/l + Silver Chloride RV	324
285252	Protein Cleaning Solution RV	351
REDOX STANDARDS		
395443	Redox Standard 220 mV (25°C) RS	424
395442	Redox Standard 468 mV (25°C) RS	424
REAGENTS FOR DETERMINATION OF COD IN WATER		
131368	Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO	50
181369	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50
185227	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50
131362	Iron(II) Sulphate 7-hydrate PA-ACS	231
132166	Mercury(II) Sulphate PA-ACS	263
284289	Mercury(II) Sulphate sol. 200 g/l in diluted sulphuric acid RV	263
131032	ortho-Phosphoric Acid 85% PA-ACS-ISO	313
174290	Potassium Dichromate 0,02 mol/l (0,02M) RE	327
185836	Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
184385	Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
131801	Silver Sulphate PA-ACS	363
282922	Silver Sulphate solution 6,6 g/l in sulphuric acid RV	363
283098	Silver Sulphate solution 10 g/l in sulphuric acid RV	363
284291	Silver Sulphate solution 80 g/l in sulphuric acid RV	364
394642	COD Standard (50 ppm) RS	407
394547	COD Standard (150 ppm) RS	407
394640	COD Standard (500 ppm) RS	408
394546	COD Standard (1.000 ppm) RS	408
394641	COD Standard (3.000 ppm) RS	408
394545	COD Standard (7.000 ppm) RS	408
131058	Sulphuric Acid 96% PA-ISO	432
185314	Sulphuric Acid 4 mol/l (8N) SV	435
CERTIFIED REFERENCE MATERIALS		
345411	Reference Standard for Olive Oil CRS	424
345268	Certified Control Material for Oenological analysis	
	(Red Wine) CRS	426
345271	Certified Control Material for Oenological analysis	
	(White Wine) CRS	426
345269	Standard for Oenology (Methanol and Higher Alcohols) CRS	426
SPECIAL REAGENTS		
Reagents according to Karl Fischer		
281574	Karl Fischer's Reagent Composite RV	238
282420	Karl Fischer's Reagent Solution A RV	239
282421	Karl Fischer's Reagent Solution B RV	239
Pyridine-free Karl Fischer reagents		
285820	AQUAMETRIC Buffer RV	57
285813	AQUAMETRIC Composite 2RV	58
285812	AQUAMETRIC Composite 5 RV	58
285814	AQUAMETRIC Composite 5K RV	58
286181	AQUAMETRIC Coulomat A RV	58
286182	AQUAMETRIC Coulomat C RV	58
285817	AQUAMETRIC Solvent RV	58
285819	AQUAMETRIC Solvent CM RV	58
285818	AQUAMETRIC Solvent Oil RV	58
286154	AQUAMETRIC Solvent Oil B RV	58
285816	AQUAMETRIC Titrant 2 RV	58
285815	AQUAMETRIC Titrant 5 RV	59
285821	AQUAMETRIC Working Medium RV	59
281956	Formamide AQUAMETRIC KF dry RV	191
Auxiliaries to Karl Fischer Technique		
171091	Methanol according to Karl Fischer RE	266
171457	Pyridine (max. 0,02% water) according to Karl Fischer RE	353
Water Hardness		
171386	Hydrotimetric Liquor RE	231
ASTM Methods		
124850	Bromine Index AMCS solution PA	79
125535	Bromine Index AMDS solution PA	79
125397	Bromine Index AMPS solution PA	79
172062	n-Heptane (ASTM) RE	211
172064	Isooctane (ASTM) RE	236
124860	Mixture TAN PA	278
124856	Mixture TBN PA	278
125396	Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w PA	310
171659	Sodium Chloride ASTM B117-09 RE	372
175305	Sodium Chloride solution ASTM B117-09 RE	372
175506	Sodium Plumbite solution (Doctor solution) RE	396
Other Standardized Methods		
173655	Concentrated solution for the sand equivalent determination RE	133
Ion Exchange Resins		
125436	Cation Exchange Resin Strongly Acidic PA	118
175106	Ion Exchange Resin Strongly Acidic RE	239
Reagents for Determination of Biocides		
175154	WSCP Kit RE	468
175166	WSCP Kit Refill RE	469
FOOD ANALYSIS		
Vinikit: Analysis of Wines and Vinegars		
624573	Alkaline Solution (Potassium Sodium Tartrate) 0,886 mol/l VINIKIT	33
624566	Bromothymol Blue solution 0,4% VINIKIT	87
625409	Calcium Hydroxide 2 mol/l (suspension) VINIKIT	106
625516	Calcium Indicator, tablets VINIKIT	106
624582	Cupric Solution 0,168 mol/l VINIKIT	134
625108	Eluent for Malo-Lactic Kit VINIKIT	166
624568	Fehling's A Reagent VINIKIT	183
624569	Fehling's B Reagent VINIKIT	183
621567	Folin-Ciocalteu's Reagent VINIKIT	189
621387	Gypsumetric Liquor VINIKIT	209
625567	Hydrochloric Acid 10 g/l VINIKIT	216
624574	Hydrochloric Acid-Water solution 50:50 VINIKIT	216
625513	Hydrogen Peroxide 10% w/v (~33 vol.) stabilized VINIKIT	221
622772	Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT	221
624904	Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT	222
624905	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) VINIKIT	226
621969	Iodine 0,01 mol/l (0,02N) VINIKIT	228
624906	Iron standard solution Fe=0,100±0,002 g/l VINIKIT	230
625515	Iron standard solution Fe=0,125±0,005 g/l VINIKIT	230
624617	Iron standard solution Fe=0,200±0,002 g/l VINIKIT	230
625079	Malo-Lactic Kit VINIKIT	256
621327	Phenolphthalein solution 1% VINIKIT	309
621507	Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT	329
621517	Potassium Hydroxide 1 mol/l (1N) VINIKIT	336
624572	Potassium Iodide solution 30% w/v VINIKIT	338
625514	Potassium Thiocyanate solution 20% w/v VINIKIT	345
624575	Potassium Thiocyanate solution 5% w/v VINIKIT	345
624901	Rebelein's Kit VINIKIT	355
625388	di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT	368
621845	Sodium Hydroxide 0,01 mol/l VINIKIT	388
623397	Sodium Hydroxide 0,02 mol/l (0,02N) VINIKIT	388
624785	Sodium Hydroxide N/49 VINIKIT	388
621694	Sodium Hydroxide 0,1 mol/l (0,1N) VINIKIT	388
624835	Sodium Hydroxide 0,1332 mol/l (0,1332N) VINIKIT	388
624782	Sodium Hydroxide N/4,9 VINIKIT	388
622157	Sodium Hydroxide 0,4 mol/l (0,4N) VINIKIT	389
624836	Sodium Hydroxide 1,666 mol/l (1,666N) VINIKIT	389
624576	Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT	402
623146	Starch solution 1% VINIKIT	426
624567	Starch solution 2% VINIKIT	426
621062	Sulphuric Acid solution 1/3 w/v VINIKIT	433
624570	Sulphuric Acid solution 16% v/v VINIKIT	434
625891	TISAB-ENOL for wine analysis (Dir. 2676/90) VINIKIT	446
Reference Standards for Wine Analysis		
345268	Certified Control Material for Oenological analysis	
	(Red Wine) CRS	426
345271	Certified Control Material for Oenological analysis	
	(White Wine) CRS	426
625435	Hydroalcoholic Solution 20% v/v VINIKIT	212
625434	Hydroalcoholic Solution 16% v/v VINIKIT	212
625339	Hydroalcoholic Solution 13,5% v/v VINIKIT	212
625338	Hydroalcoholic Solution 11% v/v VINIKIT	212
625337	Hydroalcoholic Solution 8,5% v/v VINIKIT	212
625484	Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT	357
624867	Saccharose solution 14,9% w/w VINIKIT	357
624868	Saccharose solution 19,4% w/w VINIKIT	357
625241	Saccharose solution 23,8% w/w VINIKIT	357
345269	Standard for Oenology (Methanol and Higher Alcohols) CRS	426
Analysis of Olive Oil		
281380	Acidimetric Liquor titrated RV	29
281381	Acidimetric Liquor titrated RV	29
355650	Silan-Sterol-1 CG	360
345411	Reference Standard for Olive Oil CRS	424
Analysis of Milk		
281384	Acidimetric Liquor titrated RV	29
126352	Amido Black 10B Solution for the determination of protein content in milk PA	37
286236	Ammonia Fixative Solution 4% RV	43
283334	Ammonia Fixative Solution 1% RV	43
121140	Ammonium Sulphate PA	53
125715	Amyl Alcohol according to NF V 04-210 PA	55
176131	Azidiol RE	62
144747	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
182107	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217
181023	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217
121076	Hydrogen Peroxide 30% w/v (100 vol.) PA	221
173349	Kjeldahl Catalyst (Cu-TiO2) tablets RE	240
121079	3-Methyl-1-Butanol according to Gerber PA	270
286195	Nitric Acid 4 mol/l (4N) RV	288
173609	Potassium Dichromate solution 10% RE	327
123246	Potassium Dichromate in tablets of 0,1g PA	328
131532	Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	344
174602	Resazurin tablets of 0,25 g RE	356
131621	Saccharose PA-ACS	357
216241	Silicone antifoaming liquid (AQ) QP	361
181464	Silver Nitrate 0,1 mol/l (0,1N) SV	363
171220	Sodium Hydroxide solution 40% w/w RE	385
121593	Sodium Hydroxide solution 40% w/v PA	386
183154	Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV	387
121674	di-Sodium Phenyl Phosphate 2-hydrate PA	395
173163	Sulphuric Acid 98% RE	433
121010	Sulphuric Acid 90-91% acc. to Gerber PA	433
173253	Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE	433
122049	L-Tryptophan PA	460
174748	Wide Spectrum Microtablets I RE	468
175387	Wide Spectrum Microtablets II RE	468
Analysis of Animal Feed		
141005	Acetanilide PRS	18
283334	Ammonia Fixative Solution 1% RV	43

131015	Boric Acid PA-ACS-ISO	81
282928	Boric Acid solution 3% RV	77
282222	Boric Acid solution 4% RV	77
173355	Carrez's Reagent I RE	113
173356	Carrez's Reagent II RE	113
175055	Detergent Acid Solution RE	140
175054	Detergent Neutral Solution RE	140
132213	Hydriodic Acid 57% PA-ACS	212
173350	Kjeldahl Catalyst (Cu) (0,3% in $CuSO_4.5H_2O$) tablets RE	239
174428	Kjeldahl Catalyst (Cu) (6,25% in $CuSO_4.5H_2O$) tablets RE	239
175639	Kjeldahl Catalyst (Cu) (9% in $CuSO_4.5H_2O$) tablets RE	239
172429	Kjeldahl Catalyst (Cu-Se) powder RE	239
172926	Kjeldahl Catalyst (Cu-Se) (1,5% $CuSO_4.5H_2O$ + 2% Se) tablets RE	239
173349	Kjeldahl Catalyst (Cu-TiO_2) tablets RE	240
173347	Kjeldahl Catalyst (Hg) tablets RE	240
173348	Kjeldahl Catalyst (Se) tablets RE	240
131426	Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS	263
121170	Methylene Blue (C.I. 52015) PA	271
171581	Nessler's Reagent RE	282
174230	Nessler's Reagent A RE	282
174231	Nessler's Reagent B RE	282
141329	Phosphorus red PRS	315
183354	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336
211628	Silicone antifoaming liquid (ORG) QP	361
131687	Sodium Hydroxide pellets PA-ACS-ISO	399
171220	Sodium Hydroxide solution 40% w/w RE	385
122666	Sodium Hydroxide solution 32% w/v PA	386
131721	Sodium Thiosulphate 5-hydrate PA-ACS	401
211058	Sulphuric Acid 96% QP	433
173163	Sulphuric Acid 98% RE	433
176191	Sulphuric Acid 0,13 mol/l (0,26N) RE	434
131074	Water PA-ACS	467
Other reagents for Food Analysis		
281380	Acidimetric Liquor titrated RV	29
281381	Acidimetric Liquor titrated RV	29
175307	Buffer for Fungal Falling Number RE	87
281385	Empiric Liquor titrated RV	167
281298	Indicator Solvent RV	226
175570	Kjeldahl Catalyst (Cu-Se) (9% $CuSO_4.5H_2O$ + 0,9% Se) tablets RE	240
131467	Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS	243
125731	Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA	244
174230	Nessler's Reagent A RE	282
174231	Nessler's Reagent B RE	282
175145	OXI-OLEO-TEST RE	295
175164	OXI-OLEO-TEST Refill RE	295
175630	Patent Blue V solution 0,5% w/v RE	298
175723	Patent Blue V solution 5% w/v RE	298
175208	Pepsin 1:10.000 NF RE	301
176408	Liquid Pepsin RE	301
175631	Tartrazine solution 0,5 % w/v RE	437
286079	Zeleny's Reagent RV	472
REAGENTS AND PRODUCTS FOR CLINICAL DIAGNOSTIC		
Reagents for clinical analysis		
251008	Acetic Acid glacial DC	21
251550	Benedict's Reagent qualitative DC	66
251551	Benedict's Reagent quantitative DC	66
251820	Biuret's Reagent DC	75
251283	Creatinine DC	132
251560	Esbach's Reagent DC	169
251563	Fehling's A Reagent DC	183
251564	Fehling's B Reagent DC	183
253203	Fehling's Reagent Composite DC	183
251565	Folin's A Reagent cuprotartaric DC	189
251566	Folin's B Reagent phosphotungstic-molybdic DC	189
251567	Folin-Ciocalteu's Reagent DC	189
251568	Folin-Denis' Reagent DC	190
251193	Gum Benzoin tincture solution 1:10 DC	201
252908	Kovacs' Reagent DC	240
252138	Mercury(II) Nitrate 0,005 mol/l (0,01N) DC	262
251580	Millon's Reagent DC	278
251585	Pandy's Reagent DC	296
251049	Picric Acid saturated solution DC	316
251588	Schiff's Reagent DC	359
251589	Schlesinger's Reagent DC	359
251063	Sulphuric Acid 1/3 mol/l (2/3N) DC	434
252311	o-Toluidine solution 6% DC	449
252373	Trichloroacetic Acid solution 20% w/v DC	450
254833	Voges Proskauer A Reagent DC	466
254832	Voges Proskauer B Reagent DC	466
Reagents for Haematology		
251337	Azur-Eosin-Methylene Blue dye according to Giemsa DC	62
251338	Azur-Eosin-Methylene Blue solution according to Giemsa (slow) DC	62
252317	Brij® 35 aqueous solution 30% w/v DC	78
252164	Buffer Solution pH 7,2 DC	91
252195	Copper(II) Sulphate solution d.1,050 DC	131
253296	Copper(II) Sulphate solution d.1,053 DC	132
253295	Copper(II) Sulphate solution d.1,055 DC	132
251377	Eosin-Methylene Blue dye according to Leishman DC	167
251378	Eosin-Methylene Blue solution according to Leishman DC	167
251415	Eosin-Methylene Blue dye according to May Grünwald DC	167
251416	Eosin-Methylene Blue solution according to May Grünwald DC	167
251767	Eosin-Methylene Blue dye according to Wright DC	168
251768	Eosin-Methylene Blue solution according to Wright DC	168
255486	Evans Blue (C.I. 23860) DC	182
251389	Hayem's Liquor DC	209
254807	Kit for Fast Staining in Haematology (Fast Panoptic) DC	239
251579	Meyer's Reagent DC	278
251355	Sodium Citrate solution 3,8% DC	374
251707	di-Sodium Oxalate 0,1 mol/l (0,1M) DC	393
251390	Türck's Liquor DC	461
Reagents for Microscopy		
Dyes		
252321	Acridine Orange (C.I. 46005) DC	29
254584	Alcian Blue 8 GX (C.I. 74240) DC	32
252036	Amido Black 10B (C.I. 20470) DC	37
253708	Aniline Blue WS (C.I. 42755) DC	56
251162	Auramine O (C.I. 41000) DC	61
251178	Azur II (C.I. 52010+52015) DC	62
255075	Azur B (C.I. 52010) DC	62
252419	Azur C (C.I. 52002) DC	62
253986	Biebrich Scarlet (C.I. 26905) DC	73
253934	Bismarck Brown R (C.I. 21010) DC	78
253935	Bismarck Brown Y (C.I. 21000) DC	74
253998	Blue for fast staining (Panoptic No. 3) DC	75
254367	Brilliant Blue FCF (C.I. 42090) DC	78
251169	Brilliant Cresyl Blue (C.I. 51010) DC	78
251758	Brilliant Green (C.I. 42040) DC	78
251165	Bromophenol Blue DC	86
251167	Bromothymol Blue DC	86
251824	Carmine (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC	112
254354	Carminic Acid (C.I. 75470) DC	113
251611	Congo Red (C.I. 22120) DC	128
254933	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
254932	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
251762	Crystal Violet (C.I. 42555) DC	133
252782	Eosin Bluish (C.I. 45400) DC	167
253999	Eosin for fast staining (Panoptic No. 2) DC	167
251299	Eosin Yellowish (C.I. 45380) DC	168
253982	Erythrosin B (C.I. 45430) DC	169
255486	Evans Blue (C.I. 23860) DC	182
255668	Fast Green FCF (C.I. 42053) DC	183
251331	Fuchsin Acid (C.I. 42685) DC	193
251332	Fuchsin Basic (C.I. 42510) DC	193
251765	Gentian Violet (C.I. 42535+42555) DC	195
251344	Hematoxylin (C.I. 75290) DC	201
251246	Indigo Carmine (C.I. 73015) DC	226
253987	Lissamine Green B (C.I. 44090) DC	246
251761	Malachite Oxalate Green (C.I. 42000) DC	255
251170	Methylene Blue (C.I. 52015) DC	271
251171	Methylene Blue Alkali DC	271
251704	Methyl Green (C.I. 42585) DC	272
252079	Methyl Violet (C.I. 42535) DC	277
251619	Neutral Red (C.I. 50040) DC	295
254419	Nigrosine water soluble (C.I. 50420) DC	297
254968	Nile Blue A Chloride (C.I. 51180) DC	284
251814	Orange II (C.I. 15510) DC	293
123596	Orange G (C.I. 16230) PA	293
251324	Orcein DC	293
255793	Osmium(VIII) Oxide solution 4% DC	294
254615	Pararosaniline base (C.I. 42500) DC	298
252081	Phloxine B (C.I. 45410) DC	313
253983	Ponceau S (C.I. 27195) DC	320
251591	Resazurin DC	355
255115	Reticulin Kit DC	356
251604	Rhodamine B (C.I. 45170) DC	356
251622	Safranine O (C.I. 50240) DC	357
251731	Sudan III (C.I. 26100) DC	429
251858	Sudan IV (C.I. 26105) DC	429
252069	Sudan Black B (C.I. 26150) DC	429
251734	Tartrazine (C.I. 19140) DC	437
251742	Thionin (C.I. 52000) DC	442
251176	Toluidine Blue O (C.I. 52040) DC	449
251177	Victoria Blue B (C.I. 44045) DC	466
Dyes in solution		
252339	Brilliant Green aqueous solution 5% DC	78
255298	Carazzi's Hematoxylin solution DC	109
251917	Carnoy's Fixing DC	113
251763	Crystal Violet solution 2% DC	133
252532	Crystal Violet Oxalate solution according to Gram-Hucker DC	133
256879	Eosin Yellowish alcoholic solution 1% DC	168
251301	Eosin Yellowish hydroalcoholic solution 1% DC	168
251333	Fuchsin Basic-Carbol solution according to Ziehl DC	193
251766	Gentian Violet Phenique DC	195
252974	Gill's Hematoxylin I solution DC	196
252998	Gill's Hematoxylin II solution DC	196
252999	Gill's Hematoxylin III solution DC	196
253949	Harris Hematoxylin solution DC	201
253453	Hematoxylin solution A according to Weigert DC	202
253454	Hematoxylin solution B according to Weigert DC	202
254884	Kit for Staining Gram-Hucker DC	239
251837	Lactophenol DC	241
253724	Lactophenol Blue solution DC	241
253524	Light Green solution 0,1% DC	245
251774	Lugol's Liquor DC	249
254766	Mayer's Hematoxylin solution DC	259
251172	Methylene Blue Phenicated DC	272
251618	Methyl Red solution 0,1% DC	276
251993	Orcein solution A hydroacetic-hydrochloric solution DC	293
251994	Orcein solution B hydroacetic solution DC	294
253594	Papanicolaou's Solution EA 50 DC	296
253892	Papanicolaou's Solution OG 6 DC	296
251623	Safranine O solution 0,2% DC	358
252531	Safranine O solution according to Gram-Hucker DC	358
252533	Safranine O solution 1% DC	358
253535	Toluidine Blue O solution 1% DC	449
253625	Van Gieson II solution DC	465
Reagents for Fixing		
254102	Bouin Liquor DC	78
255281	Fixative Reagent DC	184
254101	Fixing for fast staining (Panoptic No. 1) DC	184
253500	Fixing B-5 DC	184
253572	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC	190
252931	Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC	190
253857	Glutaraldehyde solution 25% DC	198
256462	Histofix ® Preservative ready to use DC	209
256700	Histofix ® Spray fixative DC	210
255805	Histofix® Substitute of Formaldehyde DC	210
254990	Zenker's Fixing DC	473
Mounting Media		
251179	Canada Balsam DC	109
251001	Cedar Wood Oil DC	113
255254	DPX, mounting medium fast (toluene base) DC	166
256155	DPX, mounting medium slow DC	166
253681	Eukitt®, mounting medium DC	182
251336	Gelatine Gold DC	195
255598	Histofluid®, mounting medium DC	210
251002	Immersion Oil DC	225
254561	Immersion Oil purified DC	226
255811	Mounting Medium for substitutes of xylene DC	280
Paraffins for Histology		
253209	Paraffin M.P. 51-53°C pellets DC	297
255803	Paraffin M.P. 52°C plasticized pellets DC	297
253211	Paraffin M.P. 56-58°C pellets DC	297
254667	Paraffin M.P. 56-58°C plasticized + DMSO pellets DC	297
252913	Paraffin M.P. 56-58°C plasticized pellets DC	297
PPXTRA	Paraplast X-Tra®, Paraffin M.P. 52°C pellets	297
PPPLUS	Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets	297
PPLAST	Paraplast®, Paraffin M.P. 56-58°C pellets	297
Solvents for Histology		
131007	Acetone (Reag. Ph. Eur.) PA-ACS-ISO	23
251803	Alcohol-Acetone 7:3 DC	32
251804	Alcohol-Hydrochloric 8:2 DC	32
131081	Benzyl Alcohol PA-ACS	71
131082	1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO	92
253139	Citrosol (Substitute of Xylene) DC	125
131296	1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	163
131086	Ethanol absolute PA-ACS-ISO	170
251086	Ethanol absolute DC	171
131085	Ethanol 96% v/v PA-ACS	172
251085	Ethanol 96% v/v DC	173
251084	Ethanol-Diethyl Ether 1:1 DC	174
255069	Isoparaffin H (Substitute of Xylene) DC	237
131091	Methanol (Reag. Ph. Eur.) PA-ACS-ISO	266
131903	2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS	275
131745	Toluene (Reag. Ph. Eur.) PA-ACS-ISO	447
256065	Vitrosec ® dehydrating DC.	478
251769	Xylene, mixture of isomers DC	470
135212	Xylene, mixture of isomers, low in ethylbenzene (max. 4%) PA-ACS-ISO	470

Decalcifiers for Histology		
256239	Histofix® decalcifier 1 DC	209
256238	Histofix® decalcifier 2 DC	210
256237	Histofix® decalcifier 3 DC	210
256284	Histofix® marrow decalcifier DC	210
PRODUCTS FOR ELECTROPHORESIS		
252036	Amido Black 10B (C.I. 20470) DC	37
254933	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
254932	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
253983	Ponceau S (C.I. 27195) DC	320
ELECTRONIC GRADE PRODUCTS		
871007	Acetone (VLSI) EG	22
861007	Acetone (MOS) EG	22
871202	n-Butyl Acetate (VLSI) EG	95
875599	Hexamethyldisilazane (VLSI) EG	204
871020	Hydrochloric Acid 37% (VLSI) EG	213
861020	Hydrochloric Acid 37% (MOS) EG	213
876324	Hydrofluoric Acid 50% (VLSI) EG	218
866324	Hydrofluoric Acid 50% (MOS) EG	218
876323	Hydrogen Peroxide 30% w/w (VLSI) EG	220
866323	Hydrogen Peroxide 30% w/w (MOS) EG	220
873080	1-Methyl-2-Pyrrolidone (VLSI) EG	275
871037	Nitric Acid 69% (VLSI) EG	286
871090	2-Propanol (VLSI) EG	347
871058	Sulphuric Acid 96% (VLSI) EG	431
PHARMACOPOEIA GRADE PRODUCTS		
141008	Acetic Acid glacial (RFE, USP, BP, Ph. Eur.) PRS-CODEX	20
141007	Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX	24
145655	Acetylcholine Chloride (USP) PRS-CODEX	28
141012	Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	28
142342	Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX	30
141792	Agar (USP) PRS-CODEX	31
142043	L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	31
191959	Alkylbenzyldimethylammonium Chloride (USP) CODEX	33
145265	Allantoin (BP, Ph. Eur.) PRS-CODEX	33
141102	Aluminium Ammonium Sulphate 12-hydrate (USP) PRS-CODEX	34
141097	Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	35
141103	Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	36
191101	Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX	36
14B764	6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX	38
141130	Ammonia 30% (as NH3) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	40
141129	Ammonia 25% (as NH3) (BP, Ph. Eur.) PRS-CODEX	41
141118	Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX	44
141119	Ammonium Carbonate (USP-NF) PRS-CODEX	45
141121	Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	46
141116	Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX	47
141127	di-Ammonium Hydrogen Phosphate (USP) PRS-CODEX	49
142912	Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX	50
141134	Ammonium Molybdate 4-hydrate (USP) PRS-CODEX	51
143464	L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX	59
144653	L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	60
141013	L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	61
142034	L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	61
142465	Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX	65
143083	Benzethonium Chloride (USP, BP, Ph. Eur.) PRS-CODEX	68
141014	Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	69
142357	Benzoyl Peroxide humidified with ~25% of H_2O (RFE, USP, BP, Ph. Eur.) PRS-CODEX	71
141081	Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	72
144720	Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	72
143977	D(+)-Biotin (USP) PRS-CODEX	73
141195	Bismuth(III) Hydroxide Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	74
141197	Bismuth(III) Hydroxide Nitrate (USP, DAB) PRS-CODEX	74
141015	Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	77
141201	Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX	84
144747	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
141082	1-Butanol (USP-NF) PRS-CODEX	92
144233	2-tert-Butyl-4-Methoxyphenol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	96
142833	Caffeine anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	101
141211	Calcium Acetate x-hydrate (USP) PRS-CODEX	101
141212	Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX	102
191232	Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX	103
141227	Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
141226	Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
142400	Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	106
141230	Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	106
141228	tri-Calcium Phosphate (RFE, BP, Ph. Eur.) PRS-CODEX	107
141818	Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
141235	Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
146308	DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX	109
142652	DL-Camphor synthetic (USP) PRS-CODEX	109
141245	Carbon Tetrachloride (E.U.) PRS	111
142416	Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
144441	Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
143922	Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
144564	Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX	113
142542	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114
143143	Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	114
141975	Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
142323	Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
143481	Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX	116
141811	Mono-Chloroacetic Acid PRS	116
145226	4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX	120
141808	Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	124
141018	Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	125
141278	Collodion solution 4% w/v (USP) PRS-CODEX	127
142083	Colophony (BP, Ph. Eur.) PRS-CODEX	127
141264	Copper(II) Chloride 2-hydrate (USP) PRS-CODEX	129
142726	Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	131
141270	Copper(II) Sulphate 5-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	131
142825	2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.) PRS-CODEX	142
191937	Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX	142
141254	Dichloromethane stabilized with amylene (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	146
141025	5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.) PRS-CODEX	149
192770	Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX	151
192372	Diethyl Phthalate (USP-NF, BP, Ph.Eur.) CODEX	152
143145	N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX	156
191954	Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEX	161
191086	Ethanol absolute (USP, BP, Ph. Eur.) CODEX	171
141085	Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX	172
192695	Ethanol 70% v/v (BP) CODEX	173
191318	Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX	175
141026	Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX	177
144559	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
141669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	178
143886	2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX	181
142085	Eucalyptol (USP) PRS-CODEX	182
14B216	Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX	189
141328	Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	190
142728	D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX	193
142344	Fumaric Acid (USP-NF) PRS-CODEX	193
142060	Gelatine 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	195
191403	Gentian Violet hydroalcoholic solution 1% (C.I. 42555) (USP) CODEX	195
141341	D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	196
143140	D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	197
142042	L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	197
141343	L-Glutamine (USP) PRS-CODEX	197
141339	Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	198
142329	Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX	199
141922	Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX	199
141340	Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	200
142045	L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	209
142198	L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	209
141020	Hydrochloric Acid 37% (RFE, BP, Ph. Eur.) PRS-CODEX	214
141077	Hydrogen Peroxide 33% w/v (110 vol.) stabilized (RFE, USP, BP, Ph. Eur.) PRS-CODEX	220
142660	Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX	221
141351	Hydroquinone (USP) PRS-CODEX	222
141771	Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX	227
191931	Iodine solution ~7% in ethanol 85% (USP) CODEX	227
191932	Iodine solution ~2% in ethanol 50% (USP) CODEX	227
142880	L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX	235
141034	L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	240
141375	Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	241
141475	Lead(II) Oxide (DAC) PRS-CODEX	244
142046	L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	245
146257	Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX	245
141928	Lithium Hydroxide 1-hydrate (USP) PRS-CODEX	248
144764	L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX	250
191394	Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX	251
141396	Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	251
191396	Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX	251
141840	Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX	252
141276	Magnesium Oxide light (RFE, BP, Ph. Eur.) PRS-CODEX	253
142029	Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX	254
141404	Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	254
141673	Magnesium Sulphate 65% dry, powder (BP) PRS-CODEX	255
141796	Magnesium Trisilicate x-hydrate (USP) PRS-CODEX	255
141882	Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	255
142051	DL-Malic Acid (USP-NF) PRS-CODEX	256
191410	Manganese(II) Chloride 4-hydrate (USP) CODEX	257
141413	Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX	258
142067	D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	259
142961	L(-)-Menthol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	260
141091	Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX	266
145827	DL-Methionine (BP, Ph. Eur.) PRS-CODEX	267
142882	L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX	267
143332	Methyl 4-Hydroxybenzoate (RFE, USP-NF, BP, Ph. Eur., JP) PRS-CODEX	272
141348	2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX	274
141430	4-Methyl-2-Pentanone (USP-NF) PRS-CODEX	274
143080	1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX	276
142963	Methyl Salicylate synthetic (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	277

143389	Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	284
141037	Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX	287
142786	Octanoic Acid PRS	292
192786	Octanoic Acid (RFE, BP, Ph.Eur.) CODEX	292
142659	Oleic Acid (USP) PRS-CODEX	293
143209	Paraffin M.P. 51-53°C pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	296
141451	Paraformaldehyde (DAC) PRS-CODEX	297
144852	Phenol crystallized (detached crystals) (RFE, USP, BP, Ph. Eur.) PRS-CODEX	308
141323	Phenol 90% aqueous solution (USP) PRS-CODEX	308
141325	Phenolphthalein (BP, Ph. Eur.) PRS-CODEX	309
142047	L-Phenylalanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	310
142358	Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX	312
145518	Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX	312
141032	ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	314
142436	Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	317
142438	Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
146076	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
146158	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318
146159	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319
146075	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319
141489	Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	322
191490	Potassium Carbonate (USP, BP, Ph. Eur.) CODEX	323
141493	Potassium Chlorate (Ph. Helv.) PRS-CODEX	323
191494	Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX	324
141492	tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	326
141522	Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRS-CODEX	328
141480	Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	330
141512	di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	331
141509	Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	332
191486	Potassium Hydrogen Tartrate (USP) CODEX	334
141515	Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX	334
141542	Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	338
141524	Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX	339
141856	Potassium Perchlorate (DAC) PRS-CODEX	340
141527	Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	341
141729	Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX	343
141531	Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	343
143646	L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX	345
141545	1,2-Propanediol (RFE, USP, BP, Ph.Eur., JP) PRS-CODEX	346
141885	1-Propanol (BP, Ph. Eur.) PRS-CODEX	347
141090	2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	349
141962	Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	351
141603	Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	356
141621	Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX	357
141624	Salicylamide (USP) PRS-CODEX	358
141045	Salicylic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	358
14B099	L-Serine (USP, BP, Ph. Eur.) PRS-CODEX	360
142475	Siliceous Earth purified and calcined (USP-NF) PRS-CODEX	361
141459	Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX	362
141633	Sodium Acetate anhydrous (USP) PRS-CODEX	364
141632	Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	365
143865	Sodium L(+)-Ascorbate (USP) PRS-CODEX	366
141637	Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	366
141644	di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	368
141646	Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	369
196454	Sodium Caprylate (Ph.Eur., BP) CODEX	369
141648	Sodium Carbonate anhydrous (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	369
142032	Sodium Carbonate 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	370
141659	Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	372
141655	tri-Sodium Citrate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	373
141667	Sodium 5,5-Diethylbarbiturate (Ph. Helv.) PRS-CODEX	375
141698	Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	375
142363	Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	376
141675	Sodium Fluoride (USP) PRS-CODEX	377
143289	Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX	377
142983	Sodium D-Gluconate (USP) PRS-CODEX	377
141683	Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX	378
141638	Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	379
141679	di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX	380
142507	di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	381
141678	di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	381
141965	Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX	382
141677	Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	382
141687	Sodium Hydroxide pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384
141686	Sodium Hydroxide flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384
141929	Sodium Hydroxide pearls (USP-NF, BP, Ph.Eur.) PRS-CODEX	385
143307	Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX	390
141701	Sodium Molybdate 2-hydrate (BP, Ph. Eur.) PRS-CODEX	391
141703	Sodium Nitrite (USP) PRS-CODEX	392
145642	Sodium Perborate 4-hydrate (BP, Ph. Eur.) PRS-CODEX	394
141697	Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX	396
143473	Sodium Propionate (USP-NF) PRS-CODEX	396
141859	Sodium Salicylate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	397
192756	Sodium Selenite anhydrous (BP) CODEX	397
141715	Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399
191717	Sodium Sulphite anhydrous (RFE, BP, Ph. Eur.) CODEX	400
141721	Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	402
141055	Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	403
146101	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403
146094	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403
146092	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404
146102	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404
146156	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
146157	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
143064	D(-)-Sorbite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	405
142590	Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
142512	Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
142823	Sulphanilamide (Ph. Fr., DAB) PRS-CODEX	429
141163	Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX	430
141164	Sulphur sublimated (USP) PRS-CODEX	430
141058	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432
141733	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436
141065	Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	436
191066	L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.) CODEX	437
191303	Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX	445
142101	Titanium(IV) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX	446
141067	Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX	450
142925	1,1,1-Trichloroethane (E.U.) PRS	450
143101	Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX	452
141252	Trichloromethane stabilized with ethanol PRS	454
142502	Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX	454
145300	1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	455
141750	Triethanolamine (USP-NF) PRS-CODEX	456
191750	Triethanolamine (BP, Ph. Eur.) CODEX	456
141940	Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
142049	L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
141302	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol (BP) PRS-CODEX	461
191302	Turpentine Oil stabilized with 100 ppm of DL–α–Tocopherol (BP, Ph. Eur.) CODEX	461
142312	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462
142050	Tween ® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462
142077	L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	463
191754	Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX	463
145044	L-Valine (USP, BP, Ph. Eur.) PRS-CODEX	464
142048	Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	465
141003	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
141074	Water (BP, Ph. Eur.) PRS-CODEX	467
142080	D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX	472
141775	Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	473
191786	Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX	475
141895	Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	475
141788	Zinc Sulphate 1-hydrate (USP, Ph.Eur., BP) PRS-CODEX	476
141787	Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	476

TENSIOACTIVES

Anionic

362363	Sodium Dodecyl Sulphate (HPLC) PAI	376
132363	Sodium Dodecyl Sulphate PA-ACS	376
142363	Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	376
202363	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376
182792	Sodium Dodecyl Sulphate 0,004 mol/l SV	376

Cationic

191959	Alkylbenzyldimethylammonium Chloride	
	(USP-NF) CODEX	33
161959	Alkylbenzyldimethylammonium Chloride, 98% PS	33
211959	Alkylbenzyldimethylammonium Chloride QP	33
123083	Benzethonium Chloride (Reag. Ph. Eur.) PA	68
183141	Benzethonium Chloride 0,004 mol/l (0,004M) SV	68
186228	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68
142542	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114
122054	N-Cetyl-N,N,N-Trimethylammonium Bromide PA	115
162054	N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS	115

Non-Ionic

212316	Brij® 35 QP	78
252317	Brij® 35 aqueous solution 30% w/v DC	78
146076	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
206076	Polysorbate 20 (E-432) ADITIO	318
146158	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318
206158	Polysorbate 40 (E-434) ADITIO	319
156158	Polysorbate 40 PS	319
146159	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319
206159	Polysorbate 60 (E-435) ADITIO	319
156159	Polysorbate 60 PS	319
206160	Polysorbate 65 (E-436) ADITIO	319
156160	Polysorbate 65 PS	319
146075	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319
206075	Polysorbate 80 (E-433) ADITIO	319
156075	Polysorbate 80 PS	319
154406	Polysorbate 85 PS	320
146101	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403
156101	Sorbitan Monolaurate PS	403
146094	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403
156094	Sorbitan Monooleate PS	403
146092	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404
156092	Sorbitan Monopalmitate PS	404
146102	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404

156102	Sorbitan Monostearate PS	404
146156	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
156156	Sorbitan Sesquioleate PS	404
146157	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
156157	Sorbitan Trioleate PS	404
156093	Sorbitan Tristearate PS	405
142314	Triton® X 100 PRS	460
142315	Triton ® X 405 solution 70% PRS	460
142312	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462
202312	Tween® 20 (E-432) ADITIO	462
162312	Tween® 20 PS	462
142050	Tween ® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462
202050	Tween® 80 (E-433) ADITIO	462
162050	Tween® 80 PS	462
LABORATORY AUXILIARY PRODUCTS		
Active Carbons		
121237	Charcoal Activated powder PA	120
201237	Charcoal Activated powder (E-153, F.C.C.) ADITIO	120
211237	Charcoal Activated powder QP	120
211238	Charcoal Activated granulated n° 1 QP	120
211239	Charcoal Activated granulated n° 2 QP	120
211240	Charcoal Activated granulated n° 3 QP	120
211241	Charcoal Animal powder QP	120
211243	Charcoal Vegetal powder QP	120
Silicones		
216241	Silicone antifoaming liquid (AQ) QP	361
211628	Silicone antifoaming liquid (ORG) QP	361
211629	Silicone heat resistant liquid QP	361
211630	Silicone paste A QP	361
211631	Silicone paste B QP	361
Auxiliary Products and solutions		
Auxiliary Products		
175772	Celite Hyflo Super Cel ® RE	113
176457	Formol Absorbent RE	192
212520	General Absorbent QP	195
211376	Glass Wool washed QP	196
211935	Iron metal, thick granulated QP	229
175126	Mercury Absorbent RE	261
175677	Mercury Spillage Kit RE	263
211835	Pumice Stone granules QP	352
211161	Sea Sand washed, thick grain QP	359
211160	Sea Sand washed, thin grain QP	359
212778	Soda Lime with indicator QP	364
141733	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436
141003	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
211757	Vaseline Soft QP	466
212236	Water Deionized QP	467
Solutions		
171071	Baryta Water saturated solution RE	65
171072	Bromine Water saturated solution RE	79
171073	Lime Water saturated solution RE	245
171422	Mercury(II) Nitrate solution 2% w/v RE	262
171507	Potassium Hexacyanoferrate(II) solution 10% w/v RE	329
171543	Potassium Iodide solution 10% w/v RE	338
171460	Silver Nitrate solution 0,5% w/v RE	362
171462	Silver Nitrate solution 2% w/v RE	362
211571	Sodium Hydroxide solution 50% w/v QP	385
171690	Sodium Hydroxide solution 30% w/v RE	386
171689	Sodium Hydroxide solution 20% w/v RE	386
171688	Sodium Hydroxide solution 10% w/v RE	386
212297	Sodium Hypochlorite solution 5% w/v QP	389
211921	Sodium Hypochlorite solution 10% w/v QP	389
Dessication Media		
121100	Aluminium Oxide Basic (Reag. Ph. Eur.) PA	35
15A721	Barium Oxide, 97% PS	65
211234	Calcium Oxide natural, pieces QP	107
136064	Magnesium Perchlorate hydrate (desiccant) PA-ACS	253
175349	Molecular Sieve 3Å (2 mm diameter particle) RE	278
175350	Molecular Sieve 4Å RE	278
175351	Molecular Sieve 5Å (2 mm diameter particle) RE	279
175352	Molecular Sieve 10Å (2 mm diameter particle) RE	279
141154	di-Phosphorus penta-Oxide PRS	315
211514	Potassium Hydroxide 90% flakes QP	335
131335	Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS	360
211335	Silica Gel 3-6 mm with indicator (with cobalt chloride) QP	360
135571	Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS	360
132921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS	360
212921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP	360
141686	Sodium Sulphate anhydrous PRS	384
191716	Sodium Sulphate anhhydrous (RFE, USP, BP, Ph.Eur.) CODEX	399
141929	Sodium Hydroxide pearls (USP, BP, Ph. Eur.) PRS-CODEX	385
131716	Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO	398
141716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399
141058	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432
141779	Zinc Chloride PRS	474

Notes

Notes

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