



RCI Labscan
GROUP

Pharmacopoeia Chemicals with GMP facility



Quality excellence is at the heart of RCI Labscan strategy.



Reliability based on efficient and standardized processes.



Consistent quality to ensure reliable analyses.



RCI Labscan

RCI Labscan Limited

RCI Labscan Chemicals for Pharmaceutical and Cosmetic applications



Tablet Binders

Base Materials for Shampoos, Body washes, Hair conditioners and etc.



Coating Agents for Tablets

Pharmaceutical Use



Other Products for Pharmaceuticals



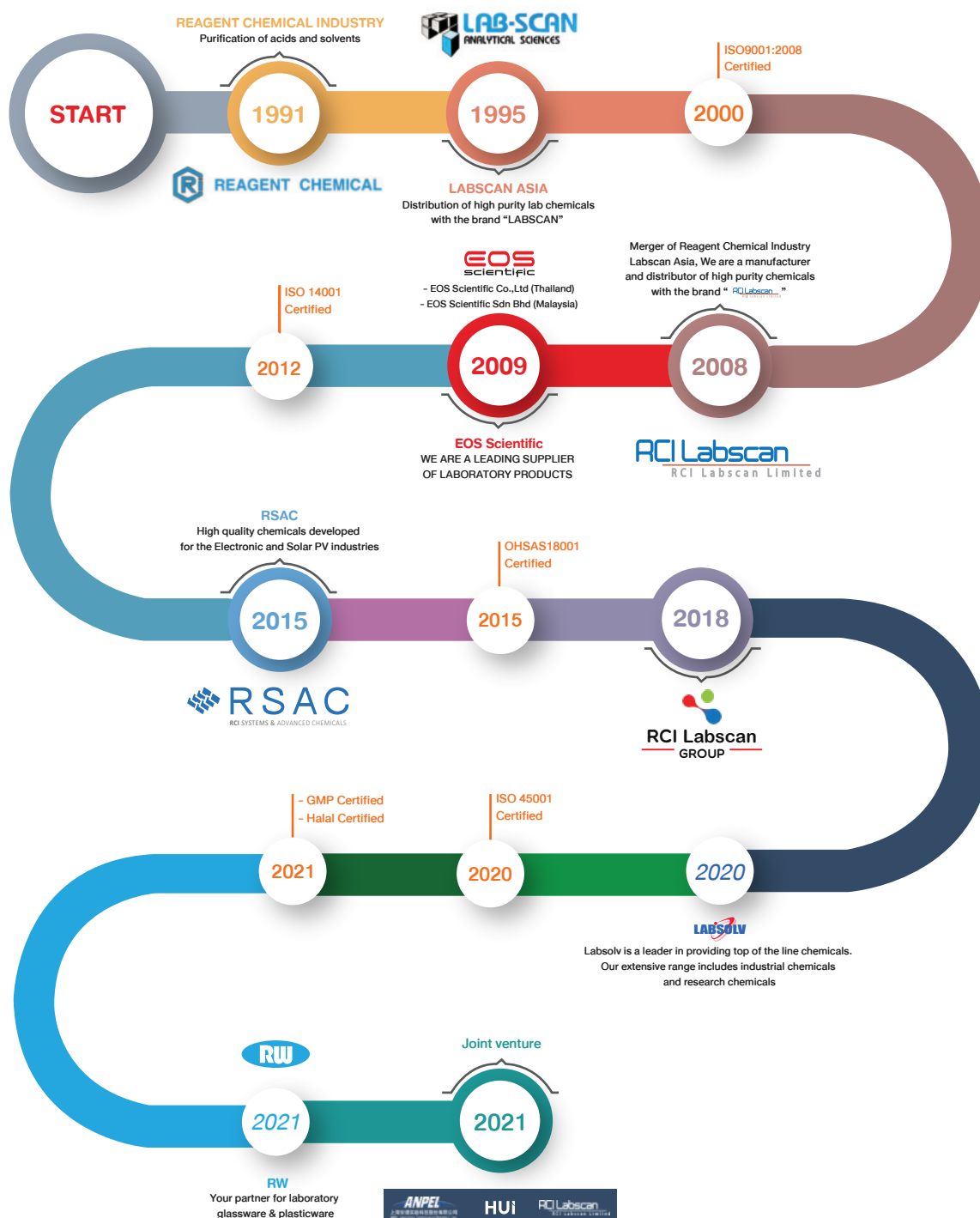
Compounding Ingredients for Cosmetics

Gelling Agents and Emulsifiers for Cosmetics

A timeline of our history

We're an industry leader

Established in 1991, RCI Labscan Group is a conglomerate of companies, including RCI Labscan Limited, EOS Scientific, and RCI Systems & Advanced Chemicals. We manufacture and distribute high-quality laboratory equipment and chemicals for businesses in a variety of industries. In doing so, our company has grown to become one of the Asia Pacific leading chemical suppliers.



COMPANY PROFILE - RCI Labscan Limited

Company History

RCI LABSCAN Limited

was established in 2008, from the acquisition and merger of Labscan Asia Co., Ltd and Reagent Chemical Industry Co., Ltd. The intensive investment also included the acquisition of Technology and Capability from USA, Europe (UK and Germany), and Asia. The company is already the preferred OEM supplier to a number of global multinational companies. With latest validity equipment, our Quality Control Laboratory is recognized as the Final Quality Testing Lab by some of its Multi-Nation Customer (MNC).

Our products are made available to customers under the brand RCI Labscan for chemical products with various laboratories as well as industrial applications.

With world-class technology and expertise, a strong commitment to excellence in quality, service and value to customers, RCI Labscan has grown rapidly to become one of the leading manufacturers and distributors of purified reagents in Asia

Labscan Asia Co., LTD. (Established in 1995)

- Joint venture with VS General Chem Group and Labscan Ireland Ltd.
- Production of HIGH PURITY Laboratory Reagents.
- Strong in OEM business and Research/Laboratories in Asia.

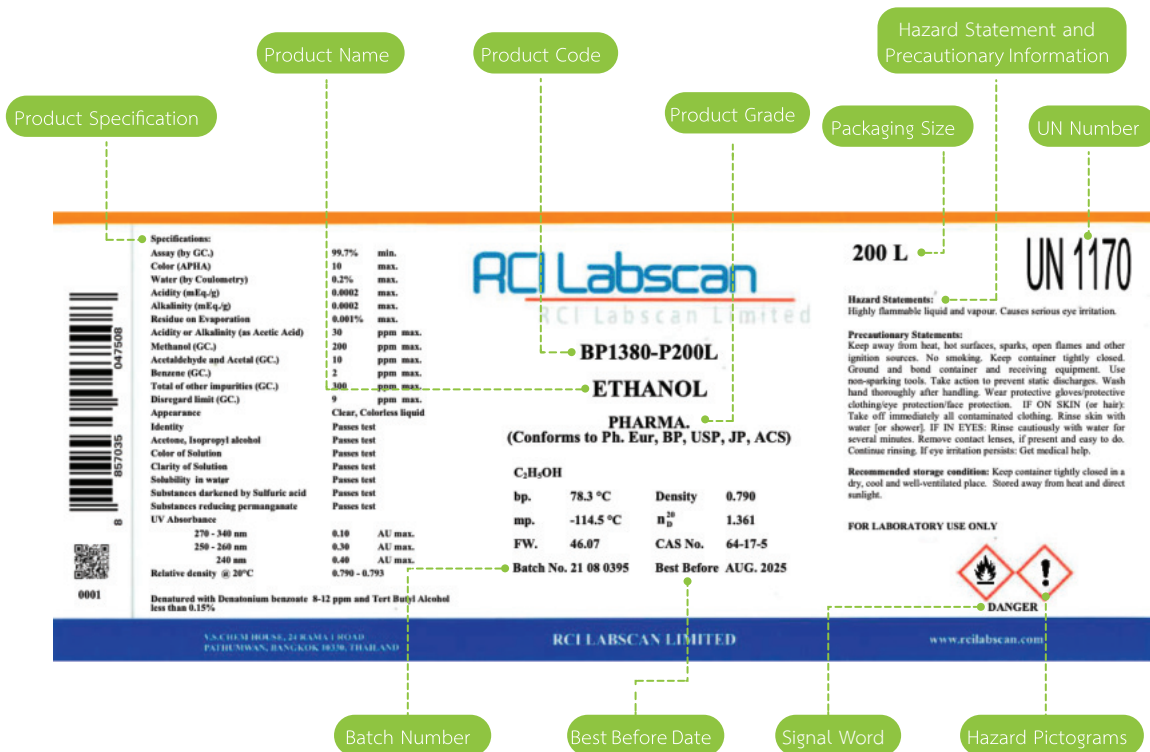
Reagent Chemical Co., LTD. (Established in 1991)

- Plant designed to produce Electronic Grade and Laboratory Grade ACIDS and SOLVENTS.
- Strong in OEM and Electronics Industry.



RCI LABSCAN LABEL

Our Label is designed to provide the necessary up to date information and is in compliance with the GHS system (Globally Harmonized System of Classification and Labelling of Chemicals)



Product Name: ETHANOL

Product Code: BP1380-P200L

Product Grade: PHARMA. (Conforms to Ph. Eur, BP, USP, JP, ACS)

Packaging Size: 200 L

UN Number: UN 1170

Product Specification:

Assay (by GC.)	99.7% min.
Color (APHA)	10 max.
Water (by Coulometry)	0.2% max.
Acidity (mEq/g)	0.0002 max.
Alkalinity (mEq/g)	0.0002 max.
Residue on Evaporation	0.001% max.
Acidity or Alkalinity (as Acetic Acid)	30 ppm max.
Methanol (GC.)	200 ppm max.
Acetaldehyde and Acetal (GC.)	2 ppm max.
Benzene (GC.)	2 ppm max.
Total of other impurities (GC.)	300 ppm max.
Disregard limit (GC.)	9 ppm max.
Appearance	Clear, Colorless Liquid
Identity	Passes test
Acetone, Isopropyl alcohol	Passes test
Color of Solution	Passes test
Clarity of Solution	Passes test
Solubility in water	Passes test
Substances darkened by Sulfuric acid	Passes test
Substances reducing permanganate	Passes test
UV Absorbance	
270 - 340 nm	0.10 AU max.
250 - 260 nm	0.30 AU max.
240 nm	0.40 AU max.
Relative density @ 20°C	0.790 - 0.793

Batch Number: Batch No. 21 08 0395

Best Before Date: Best Before AUG. 2025

Signal Word: DANGER

Hazard Pictograms: Flammable, Corrosive

Hazard Statement and Precautionary Information:

Hazard Statements: Highly flammable liquid and vapour. Causes serious eye irritation.

Precautionary Statements: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use non-sparking tools. Take action to prevent static discharges. Wash hand thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

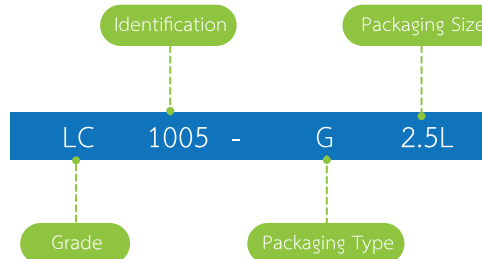
Recommended storage conditions: Keep container tightly closed in a dry, cool and well-ventilated place. Stored away from heat and direct sunlight.

FOR LABORATORY USE ONLY

RCI LABSCAN LIMITED

www.rcilabscan.com

PRODUCT CODE GUIDE
EXAMPLE: LC1005-G2.5L



Identification: LC 1005 - G 2.5L

Packaging Size: 2.5L

Grade: LC

Packaging Type: G

Quality&Regulation



GMP Certificate



ISO 9001



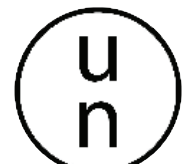
ISO 14001



ISO 45001



Halal



UN Packaging

PACKAGING

“Packaging for safety, convenience and product quality”

RCI Labscan offers a comprehensive range of packaging which is designed for safety, environmental protection, convenient handling and storage. All packaging are guaranteed to preserve the integrity of our products.



Amber Glass Bottles:

Suitable for photosensitive Chemicals.

We offer 500ml., 1 Litre, 2.5 Litre and 4 Litre size
500 ml. and 1 Litre: 6 bottles per box
2.5 Litre and 4 Litre. 4 bottles per box



Plastic Bottles:

Plastic Bottles are supplied when chemical properties of the content and bottle are compatible, because they minimize the risk of breakage, are lighter in weight as well as being easier and more economical to transport.

We offer 500 grams, 1 kg., 5 kg., 25 kg.,
1 Litre, 2.5 Litre and 4 Litre sizes
1 Litre: 6 bottles per box
2.5 Litre and 4 Litre: 4 bottles per box
500 grams and 1 kg.: 6 bottles per box



Drums for Bulk Quantities:

We currently offer the following sizes:

20 Litre HDPE drum
200 Litre HDPE drum
25 Litre Metal drum
200 Litre metal drum

Code	Product Name	Page
BP1002	Acetic Acid, Glacial Pharma	6
BP1003	Acetone, Pharma	7
BP1005	Acetonitrile, Pharma	8
BP1299	Ascorbic Acid, Pharma	9
BP1234	Boric Acid, Pharma	9
BP1235	Calcium Chloride Dihydrate, Pharma	10
BP1027E	Chloroform, Pharma	10
BP1236	Citric Acid Monohydrate, Pharma	11
BP1040A	Dichloromethane, Pharma	11
BP1051	Dimethylformamide, Pharma	12
BP1069	Ethanol, Pharma	12
BP1380	Ethanol, Pharma	13
BP1240	Ethylenediamine Tetraacetic Acid, Disodium Salt Dihydrate, Pharma	14
BP1107	Hydrochloric Acid 37%, Pharma	14
BP1449	Lactose Monohydrate, Pharma	15
BP1242	Magnesium Chloride Hexahydrate, Pharma	15
BP1115	Methanol, Pharma	16
BP1152	ortho-Phosphoric acid 85%, Pharma	17
BP1353	Potassium Chloride, Pharma	17
BP1157	Propan-2-ol 80%, Pharma	18
BP1162	Propan-2-ol, Pharma	19
BP1165	Sodium Acetate Trihydrate, Pharma	19
BP1247	Sodium Carbonate Anhydrous, Pharma	20
BP1166	Sodium Chloride 99%, Pharma	20
Bp1167	Sodium Chloride 99.5% Pharma	21
BP1168	Sodium Hydrogen Carbonate, Pharma	21
BP1237	di-Sodium Hydrogen Phosphate Anhydrous, Pharma	22
BP1193	Sulfuric Acid 98%, Pharma	23
BP1402	Sodium Hydroxide, Pharma	23

Acetic Acid, Glacial Pharma

BP1002

CH₃COOH FW.60.05
 CAS-No. 64-19-7
 Code BP1002

Density 1 L = 1.05 Kg.
 Melting Point 17 °C
 Boiling Point 118 °C

Specifications (Meets Ph.Eur , BP, USP/NF, JP, ACS)

Assay (by acidimetry)	99.8%	min.	Substances reducing dichromate	Passes test
Appearance	Clear and colorless		Substances reducing permanganate	Passes test
Identity	Passes test		Chloride (Cl)	0.5 ppm max.
Color (APHA)	10	max.	Sulfate (SO ₄)	0.5 ppm max.
Dilution test	Passes test		Heavy metals (as Pb)	0.5 ppm max.
Solubility	Passes test		Arsenic (As)	0.01 ppm max.
Titration base (mEq./g.)	0.0004	max.	Iron (Fe)	0.2 ppm max.
Acetic Anhydride [(CH ₃ CO) ₂ O]	0.01%	max.	Freezing point (°C)	16.0 min.
Residue on Evaporation	0.001%	max.		

Cat No.	Package	Size	Cat No.	Package	Size
BP1002-G500ML	Amber Glass	500 ML	BP1002-P20L	Plastic	20 Litre
BP1002-G1L	Amber Glass	1 Litre	BP1002-P120L	Plastic	120 Litre
BP1002-G2.5L	Amber Glass	2.5 Litre	BP1002-P200L	Plastic	200 Litre
BP1002-P2.5L	Plastic	2.5 Litre	BP1002-P16KG	Plastic	16 KG
BP1002-G4L	Amber Glass	4 Litre	BP1002-P20KG	Plastic	20 KG
BP1002-P4L	Plastic	4 Litre	BP1002-P210KG	Plastic	210 KG



CH₃COCH₃ FW. 58.08
 CAS-No. 67-64-1
 Code BP1003

Density 1 L = 0.790 Kg.
 Melting Point -95.4 °C
 Boiling Point 56.2 °C

Specifications
 (Meets Ph.Eur, BP, USP/NF, ACS)

Assay (by GC.)	99.8%	min.	Antimony (Sb)	0.02	ppm max.
Appearance	Clear and colorless liquid		Arsenic (As)	0.02	ppm max.
Identity	Passes test		Barium (Ba)	0.1	ppm max.
Color (APHA)	10	max.	Beryllium (Be)	0.02	ppm max.
Water (by Coulometry)	0.3%	max.	Bismuth (Bi)	0.02	ppm max.
Acidity (mEq./g.)	0.0002	max.	Boron (B)	0.02	ppm max.
Alkalinity (mEq./g.)	0.0002	max.	Cadmium (Cd)	0.05	ppm max.
Acidity or Alkalinity	Passes test		Calcium (Ca)	0.5	ppm max.
Residue on Evaporation	0.0005%	max.	Chromium (Cr)	0.02	ppm max.
Aldehydes (as Formaldehyde)	0.001%	max.	Cobalt (Co)	0.02	ppm max.
Cyclohexane (GC.)	0.01%	max.	Copper (Cu)	0.02	ppm max.
Diacetone (GC.)	0.02%	max.	Gallium (Ga)	0.02	ppm max.
Ethanol (GC.)	0.01%	max.	Germanium (Ge)	0.02	ppm max.
Related substances (GC.)	Passes test		Gold (Au)	0.02	ppm max.
Benzene (GC.)	2	ppm max.	Indium (In)	0.02	ppm max.
Methanol (GC.)	0.05%	max.	Iron (Fe)	0.1	ppm max.
Propan-2-ol (GC.)	0.05%	max.	Lead (Pb)	0.1	ppm max.
Other impurity (GC.)	0.05%	max.	Lithium (Li)	0.05	ppm max.
Reducing substances	Passes test		Magnesium (Mg)	0.1	ppm max.
Solubility in water	Passes test		Manganese (Mn)	0.02	ppm max.
Substances reducing permanganate (as O)	Passes test		Molybdenum (Mo)	0.02	ppm max.
Readily oxidizable substances	Passes test		Nickel (Ni)	0.02	ppm max.
Water-insoluble substances	Passes test		Silver (Ag)	0.02	ppm max.
Chloride (Cl)	0.1	ppm max.	Thallium (Tl)	0.02	ppm max.
Nitrate (NO ₃)	0.1	ppm max.	Tin (Sn)	0.1	ppm max.
Phosphate (PO ₄)	0.1	ppm max.	Titanium (Ti)	0.02	ppm max.
Sulfate (SO ₄)	0.1	ppm max.	Vanadium (V)	0.02	ppm max.
Heavy metals (as Pb)	1.0	ppm max.	Zinc (Zn)	0.1	ppm max.
Aluminium (Al)	0.5	ppm max.	Zirconium (Zr)	0.02	ppm max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1003-G500ML	Amber Glass	500 ML	BP1003-G4L	Amber Glass	4 Litre
BP1003-G1L	Amber Glass	1 Litre	BP1003-P4L	Plastic	4 Litre
BP1003-G2.5L	Amber Glass	2.5 Litre	BP1003-P20L	Plastic	20 Litre
BP1003-P2.5L	Plastic	2.5 Litre	BP1003-P200L	Plastic	200 Litre

Acetonitrile, Pharma

BP1005

CH₃CN
 CAS-No. 75-05-8
 Code BP1005

Density 1 L = 0.786 Kg.
 Melting Point -45.7 °C
 Boiling Point 81.6 °C

Specifications (Meets Reag. Ph.Eur, ACS)

Assay (by GC.)	99.8%	min.	Cadmium (Cd)	0.05	ppm max.
Appearance	Clear and colorless liquid		Calcium (Ca)	0.5	ppm max.
Identity	Passes test		Chromium (Cr)	0.02	ppm max.
Color (APHA)	10	max.	Cobalt (Co)	0.02	ppm max.
Water (by Coulometry)	0.05%	max.	Copper (Cu)	0.02	ppm max.
Acidity (mEq./g.)	0.0005	max.	Iron (Fe)	0.1	ppm max.
Alkalinity (mEq./g.)	0.0006	max.	Lead (Pb)	0.1	ppm max.
Residue on Evaporation	0.001%	max.	Magnesium (Mg)	0.1	ppm max.
Propionitrile	0.2%	max.	Manganese (Mn)	0.02	ppm max.
Aluminium (Al)	0.5	ppm max.	Nickel (Ni)	0.02	ppm max.
Barium (Ba)	0.1	ppm max.	Tin (Sn)	0.1	ppm max.
Boron (B)	0.02	ppm max.	Zinc (Zn)	0.1	ppm max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1005-G500ML	Amber Glass	500 ML	BP1005-G4L	Amber Glass	4 Litre
BP1005-G1L	Amber Glass	1 Litre	BP1005-P4L	Plastic	4 Litre
BP1005-G2.5L	Amber Glass	2.5 Litre	BP1005-P20L	Plastic	20 Litre
BP1005-P2.5L	Plastic	2.5 Litre	BP1005-P200L	Plastic	200 Litre



Ascorbic Acid, Pharma

BP1299

C₆H₈O₆
CAS-No.
Code

FW. 176.12
50-81-7
BP1299

Density = 1.65 g/cm³
Melting Point 190 °C

Specifications (Meets Ph.Eur, BP, USP/NF, JP, ACS)

Assay	99.0% - 100.5%	- Impurity D	0.15%	max.
Appearance	White or almost white, crystalline powder or colorless crystals	- Unspecified Impurities	0.10%	max.
Identity	Passes test	- Total	0.2%	max.
Clarity of Solution	Clear	- Disregard limit	0.05%	max.
Color of Solution	BY7 max.	Residual Solvent		
Acidity (pH)	2.1 - 2.6	- Ethanol	0.5%	max.
Acidity (pH) (2% aqueous solution)	2.4 - 2.8	- Methanol	0.3%	max.
Residue after Ignition	0.1% max.	Particle-Size		
Loss on Drying	0.2% max.	- More than 40 mesh	30%	max.
Specific Rotation	+20.5° to +21.5°	-Between 40 and 80 mesh	45%	min.
Solubility	Passes test	Heavy metals (as Pb)	0.001%	max.
Oxalic Acid	0.2% max.	Arsenic (As)	0.0003%	max.
Related Substances		Copper (Cu)	0.0005%	max.
- Impurity C	0.15% max.	Iron (Fe)	0.0002%	max.
		Lead (Pb)	0.0002%	max.
		Mercury (Hg)	0.0001%	max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1299-P500G	Plastic	500 G	BP1299-P5KG	Plastic	5 KG
BP1299-P1KG	Plastic	1 KG	BP1299-P25KG	Plastic	25 KG

Boric Acid, Pharma

BP1234

H₃BO₃
CAS-No.
Code

FW. 61.83
10043-35-3
BP1234

Density 1 L = 1.44 g/cm³
Melting Point 171 °C

Specifications (Meets Ph.Eur, BP, USP/NF, JP)

Assay	99.5% min	Organic matter	Passes test	
Appearance	White or almost white, crystalline powder	Sulfate (SO ₄)	0.045%	max.
Identity	Passes test	Heavy metals (as Pb)	0.001%	max.
Appearance of solution	Clear and colorless	Arsenic (As)	0.0005%	max.
pH of a 3.3% solution at 25 °C	3.8 - 4.8	Iron (Fe)	0.001%	max.
Solubility in Ethanol (96%)	Passes test	Lead (Pb)	0.001%	max.
Loss on drying (Silica gel)	0.5% max.			

Cat No.	Package	Size	Cat No.	Package	Size
BP1234-P500G	Plastic	500 G	BP1234-P5KG	Plastic	5 KG
BP1234-P1KG	Plastic	1 KG	BP1234-P25KG	Plastic	25 KG

Calcium Chloride Dihydrate, Pharma

BP1235

CaCl₂·2H₂O FW. 147.01
CAS-No. 10035-04-8
Code BP1235

Density = 1.85 g/cm³
Melting Point 176 °C

Specifications (Meets Ph.Eur, BP, USP/NF, JP)

Assay	99.0 - 103.0%	Sulfate (SO ₄)	0.02%	max.
Appearance	White or almost white, crystalline powder hygroscopic	Heavy metals (as Pb)	0.001%	max.
Identity	Passes test	Aluminium (Al)	0.0001%	max.
Appearance of solution	Passes test	Arsenic (As)	0.0002%	max.
Solubility	Passes test	Barium (Ba)	Passes test	
pH of a 5% solution at 25 °C	4.5 - 9.2	Iron (Fe)	0.001%	max.
Acidity or Alkalinity	Passes test	Magnesium and Alkali metals	0.5%	max.
Hypochlorite	Passes test	Iron, Aluminium or Phosphate	Passes test	

Cat No.	Package	Size	Cat No.	Package	Size
BP1235-P500G	Plastic	500 G	BP1235-P5KG	Plastic	5 KG
BP1235-P1KG	Plastic	1 KG	BP1235-P25KG	Plastic	25 KG

Chloroform, Pharma

BP1027E

CHCl₃ FW. 119.38
CAS-No. 67-66-3
Code BP1027E

Density 1 L = 1.479 Kg.
Melting Point -63 °C
Boiling Point 61 °C

Specifications (Meets Reag. Ph.Eur, BP, ACS)

Assay (by GC.)	99.8%	min.	Carbonyl compounds (as CO)	0.005%	max.
Appearance	Clear and colorless liquid		Dichloromethane (GC.)	0.01%	max.
Identity	Passes test		Tetrachloromethane (GC.)	0.01%	max.
Color (APHA)	10	max.	Tetrachloroethylene (GC.)	0.01%	max.
Water (by Coulometry)	0.01%	max.	Trichloroethylene (GC.)	0.01%	max.
Acidity (mEq./g.)	0.0005	max.	Foreign chlorine compounds	Passes test	
Acid and Chloride	Passes test		Substances darkened by sulfuric acid	Passes test	
Acidity or Alkalinity	Passes test		Suitability for use in dithizone tests	Passes test	
Residue on Evaporation	0.001%	max.	Chloride (Cl)	1	ppm max.
Acetone and Aldehyde	0.005%	max.	Free Chlorine (Cl)	Passes test	
Related substances (GC.)	1.0%	max.	Lead (Pb)	0.05	ppm max.
Stabilized with about 1% Ethanol.					

Cat No.	Package	Size	Cat No.	Package	Size
BP1027E-G500ML	Amber Glass	500 ML	BP1027E-G4L	Amber Glass	4 Litre
BP1027E-G1L	Amber Glass	1 Litre	BP1027E-M25L	Metal	25 Litre
BP1027E-G2.5L	Amber Glass	2.5 Litre	BP1027E-M250KG	Metal	250 KG

Citric Acid Monohydrate, Pharma

BP1236

C₆H₈O₇.H₂O FW. 210.14
 CAS-No. 5949-29-1
 Code BP1236

Density = 1.54 g/cm³
 Melting Point 135-152 °C

Specifications
 (Meets Ph.Eur, BP, JP)

Assay	99.5 - 100.5%	Water	7.5 - 9.0%
Appearance	White or almost white, crystalline powder, colorless crystals or granules, efflorescent	Residue after Ignition	0.01% max.
Identity	Passes test	Readily carbonisable substances	Passes test
Appearance of solution	Clear and not more intensely coloured than reference solution Y ₇ , BY ₇ or GY ₇	Oxalic acid	360 ppm max.
Solubility	Passes test	Sulfate (SO ₄)	0.015% max.
		Heavy metals (as Pb)	0.001% max.
		Aluminium (Al)	0.00002% max.
		Bacterial endotoxins	0.5 IU/mg max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1236-P500G	Plastic	500 G	BP1236-P5KG	Plastic	5 KG
BP1236-P1KG	Plastic	1 KG	BP1236-P25KG	Plastic	25 KG

Dichloromethane, Pharma

BP1040A

CH₂Cl₂ FW. 84.93
 CAS-No. 75-09-2
 Code BP1040A

Density 1 L = 1.330 Kg.
 Melting Point -95 °C
 Boiling Point 40 °C

Specifications
 (Meets Ph.Eur, BP, USP/NF, ACS)

Assay (by GC.)	99.8% min.	Carbon tetrachloride (GC.)	10 ppm max.
Appearance	Clear and colorless liquid	Disregard limit (GC.)	10 ppm max.
Identity	Passes test	Free Chlorine (Cl)	Passes test
Color (APHA)	10 max.	Hydrogen Chloride	0.001% max.
Water (by Coulometry)	0.02% max.	Solubility in water	Passes test
Acidity (mEq./g.)	0.0003 max.	Heavy metals (as Pb)	1 ppm max.
Residue on Evaporation	0.001% max.	Relative density @ 20 °C	1.320 - 1.332
Volatile impurities	0.2% max.	Relative density @ 25 °C	1.318 - 1.322
Chloroform (GC.)	50 ppm max.	Refractive Index @ 20 °C	1.423 - 1.425
Ethanol (GC.)	2.0% max.	Stabilized with about 50 ppm amylene.	
Methanol (GC.)	0.1% max.		

Cat No.	Package	Size	Cat No.	Package	Size
BP1040A-G500ML	Amber Glass	500 ML	BP1040A-G4L	Amber Glass	4 Litre
BP1040A-G1L	Amber Glass	1 Litre	BP1040A-M25L	Metal	25 Litre
BP1040A-G2.5L	Amber Glass	2.5 Litre	BP1040A-M200L	Metal	200 Litre

Dimethylformamide, Pharma

BP1051

HCON(CH₃)₂ FW. 73.10
CAS-No. 68-12-2
Code BP1051

Density 1 L = 0.949 Kg.
Melting Point -61 °C
Boiling Point 153 °C

Specifications (Meets Reag. Ph.Eur, ACS)

Assay (by GC.)	99.8%	min.	Calcium (Ca)	0.2	ppm max.
Appearance	Clear and colorless liquid		Chromium (Cr)	0.01	ppm max.
Identity	Passes test		Cobalt (Co)	0.01	ppm max.
Color (APHA)	10	max.	Copper (Cu)	0.01	ppm max.
Water (by Coulometry)	0.1%	max.	Iron (Fe)	0.05	ppm max.
Acidity (mEq./g.)	0.0005	max.	Lead (Pb)	0.05	ppm max.
Alkalinity (mEq./g.)	0.003	max.	Magnesium (Mg)	0.05	ppm max.
Residue on Evaporation	0.001%	max.	Manganese (Mn)	0.01	ppm max.
Aluminium (Al)	0.2	ppm max.	Nickel (Ni)	0.01	ppm max.
Barium (Ba)	0.05	ppm max.	Tin (Sn)	0.05	ppm max.
Boron (B)	0.01	ppm max.	Zinc (Zn)	0.05	ppm max.
Cadmium (Cd)	0.02	ppm max.			

Cat No.	Package	Size	Cat No.	Package	Size
BP1051-G500ML	Amber Glass	500 ML	BP1051-G4L	Amber Glass	4 Litre
BP1051-G1L	Amber Glass	1 Litre	BP1051-M25L	Metal	25 Litre
BP1051-G2.5L	Amber Glass	2.5 Litre	BP1051-M200L	Metal	200 Litre

Ethanol, Pharma

BP1069

C₂H₅OH FW. 46.07
CAS-No. 64-17-5
Code BP1069

Density 1 L = 0.790 Kg.
Melting Point -114.5 °C
Boiling Point 78.3 °C

Specifications (Meets Ph.Eur, BP, USP/NF, JP, ACS)

Assay (by GC.)	99.9%	min.	Benzene (GC.)	2	ppm max.
Appearance	Clear and colorless liquid		Total of other impurities (GC.)	300	ppm max.
Identity	Passes test		Disregard limit (GC.)	9	ppm max.
Color of Solution	Passes test		Solubility in water	Passes test	
Clarity of Solution	Passes test		Substances darkened by Sulfuric acid	Passes test	
Color (APHA)	10	max.	Substances reducing permanganate	Passes test	
Water (by Coulometry)	0.2%	max.	UV Absorbance		
Acidity or Alkalinity (as Acetic Acid)	30	ppm max.	270 - 340 nm	0.10	AU max.
Acidity (mEq./g)	0.0002	max.	250 - 260 nm	0.30	AU max.
Alkalinity (mEq./g)	0.0002	max.	240 nm	0.40	AU max.
Residue on Evaporation	0.001%	max.	Relative density @ 20 °C	0.790 - 0.793	
Acetone, Isopropyl alcohol	Passes test		Denatured with 8-12 ppm Denatonium benzoate.		
Methanol (GC.)	200	ppm max.			
Acetaldehyde and Acetal (GC.)	10	ppm max.			

Cat No.	Package	Size	Cat No.	Package	Size
BP1069-G500ML	Amber Glass	500 ML	BP1069-G4L	Amber Glass	4 Litre
BP1069-G1L	Amber Glass	1 Litre	BP1069-P4L	Plastic	4 Litre
BP1069-G2.5L	Amber Glass	2.5 Litre	BP1069-P20L	Plastic	20 Litre
BP1069-P2.5L	Plastic	2.5 Litre	BP1069-P200L	Plastic	200 Litre

C₂H₅OH
CAS-No.
Code

FW. 46.07
64-17-5
BP1380

Density 1 L = 0.790 Kg.
Melting Point -114.5 °C
Boiling Point 78.3 °C

Specifications
(Conforms to Ph.Eur, BP, USP/NF, JP, ACS)

Assay (by GC.)	99.7%	min.	Acetaldehyde and Acetal (GC.)	10	ppm max.
Appearance	Clear, Colorless liquid		Benzene (GC.)	2	ppm max.
Identity	Passes test		Total of other impurities (GC.)	300	ppm max.
Color of Solution	Passes test		Disregard limit (GC.)	9	ppm max.
Clarity of Solution	Passes test		Solubility in water	Passes test	
Color (APHA)	10	max.	Substances darkened by Sulfuric acid	Passes test	
Water (by Coulometry)	0.2%	max.	Substances reducing permanganate	Passes test	
Acidity or Alkalinity (as Acetic Acid)	30	ppm max.	UV Absorbance		
Acidity (mEq./g)	0.0002	max.	270 - 340 nm	0.10	AU max.
Alkalinity (mEq./g)	0.0002	max.	250 - 260 nm	0.30	AU max.
Residue on Evaporation	0.001%	max.	240 nm	0.40	AU max.
Acetone, Isopropyl alcohol	Passes test		Relative density @ 20 °C	0.790 - 0.793	
Methanol (GC.)	200	ppm max.	Denatured with Denatonium benzoate 8-12 ppm and Tert Butyl Alcohol less than 0.15%.		

Cat No.	Package	Size	Cat No.	Package	Size
BP1380-G500ML	Amber Glass	500 ML	BP1380-G4L	Amber Glass	4 Litre
BP1380-G1L	Amber Glass	1 Litre	BP1380-P4L	Plastic	4 Litre
BP1380-G2.5L	Amber Glass	2.5 Litre	BP1380-P20L	Plastic	20 Litre
BP1380-P2.5L	Plastic	2.5 Litre	BP1380-P200L	Plastic	200 Litre



Ethylenediamine Tetraacetic Acid, Disodium Salt Dihydrate, Pharma

BP1240

C₁₀H₁₄N₂O₈Na₂·2H₂O
CAS-No.
Code

FW. 372.24
6381-92-6
BP1240

Melting Point 110 °C

Specifications (Meets Ph.Eur, BP, USP/NF, JP)

Assay	99.0 – 101.0%	Loss on Drying at 150 °C (6 Hours)	8.7 – 11.4%
Appearance	White or almost white, crystalline powder	Residue after Ignition	37.0 – 39.0%
Identity	Passes test	Nitilotriacetic acid	0.1% max.
Appearance of solution	Clear and colorless	Cyanide (CN)	Passes test
Solubility	Passes test	Heavy metals (as Pb)	0.001% max.
pH of a 5% solution at 25 °C	4.0 – 5.5	Arsenic (As)	0.0002% max.
pH of a 1% solution at 25 °C	4.3 – 4.7	Calcium (Ca)	Passes test
		Iron (Fe)	0.008% max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1240-P500G	Plastic	500 G	BP1240-P5KG	Plastic	5 KG
BP1240-P1KG	Plastic	1 KG	BP1240-P25KG	Plastic	25 KG

Hydrochloric Acid 37%, Pharma

BP1107

HCl
CAS-No
Code

FW. 36.46
7647-01-0
BP1107

Density 1 L = 1.19 Kg.
Melting Point -30 °C
Boiling Point 51 °C

Specifications (Meets Ph.Eur, USP/NF, JP, ACS)

Assay (by acidimetry)	37%	min.	Free Bromine or Chlorine	Passes test
Appearance	Clear and colorless		Sulfate (SO ₄)	1 ppm max.
Identity	Passes test		Sulfite (SO ₃)	1 ppm max.
Color (APHA)	10	max.	Extractable organic substances	5 ppm max.
Solubility	Passes test		Heavy metals (as Pb)	1.0 ppm max.
Residue on Evaporation	0.005%	max.	Arsenic (As)	0.01 ppm max.
Residue after Ignition	0.0005%	max.	Cadmium (Cd)	0.01 ppm max.
Bromide (Br)	50	ppm max.	Iron (Fe)	0.2 ppm max.
Bromide or Iodide	Passes test		Lead (Pb)	0.01 ppm max.
Ammonium (NH ₄)	3	ppm max.	Mercury (Hg)	0.04 ppm max.
Free Chlorine (Cl)	1	ppm max.	Zinc (Zn)	0.02 ppm max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1107-G500ML	Amber Glass	500 ML	BP1107-G4L	Amber Glass	4 Litre
BP1107-G1L	Amber Glass	1 Litre	BP1107-P4L	Plastic	4 Litre
BP1107-G2.5L	Amber Glass	2.5 Litre	BP1107-P20L	Plastic	20 Litre
BP1107-P2.5L	Plastic	2.5 Litre	BP1107-P200L	Plastic	200 Litre

Lactose Monohydrate, Pharma

BP1449

$C_{12}H_{22}O_{11} \cdot H_2O$ FW. 360.32
 CAS-No. 10039-26-6
 Code BP1449

Melting Point 202 °C

Specifications
 (Meet Ph.Eur, BP, USP/NF)

Appearance	White or almost white, crystalline powder	Heavy metals (as Pb)	5	ppm max.
Identity	Passes test	Water	4.5 – 5.5%	
Appearance of solution	Clear and not more intensely coloured than reference solution BY ₇	Residue after Ignition	0.1%	max.
Solubility	Passes test	Loss on drying	0.5%	max.
Clarity and color of solution	Passes test	Microbiological purity	100	CFU/g max.
Acidity or Alkalinity	Passes test	(Total aerobic microbial count, TAMC)		
Specific optical rotation	+ 54.4 to +55.9	Microbiological purity	50	CFU/g max.
Absorbance (Proteins and UV-absorbing impurities)	Passes test	(Total yeast and mould count, TYMC)		
		Escherichia coli (absent in 1 g)	Passes test	
		Salmonella ssp (absent 10 g)	Passes test	

Cat No.	Package	Size	Cat No.	Package	Size
BP1149-P500G	Plastic	500 G	BP1149-P5KG	Plastic	5 KG
BP1149-P1KG	Plastic	1 KG	BP1149-P25KG	Plastic	25 KG

Magnesium Chloride Hexahydrate, Pharma

BP1242

$MgCl_2 \cdot 6H_2O$ FW. 203.30
 CAS-No. 7791-18-6
 Code BP1242

Density = 1.57 g/cm³
 Melting Point 117 °C

Specifications
 (Meets Ph.Eur, BP, USP/NF)

Assay	98.0%	min.	Bromide (Br)	0.05%	max.
Appearance	Colorless crystals, hygroscopic		Sulfate (SO ₄)	0.005%	max.
Identity	Passes test		Heavy metals (as Pb)	0.001%	max.
Appearance of solution	Clear and colorless		Aluminium (Al)	0.0001%	max.
Solubility	Passes test		Arsenic (As)	0.0002%	max.
Acidity or Alkalinity	Passes test		Barium (Ba)	Passes test	
pH of a 5% solution at 25 °C	4.5 – 7.0		Calcium (Ca)	0.01%	max.
Water	51.0 – 55.0%	max.	Iron (Fe)	0.001%	max.
Insoluble matter	0.005%	max.	Potassium (K)	0.05%	max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1242-P500G	Plastic	500 G	BP1242-P5KG	Plastic	5 KG
BP1242-P1KG	Plastic	1 KG	BP1242-P25KG	Plastic	25 KG

Methanol, Pharma
BP1115

CH₃OH
CAS-No.
Code

FW. 32.04
67-56-1
BP1115

Density 1 L = 0.790 Kg.
Melting Point -98 °C
Boiling Point 64.5 °C

Specifications
(Meets Ph.Eur, BP, USP/NF, ACS)

Assay (by GC.)	99.9%	min.	Heavy metals (as Pb)	1.0	ppm max.
Appearance	Clear and colorless liquid		Aluminium (Al)	0.2	ppm max.
Identity	Passes test		Arsenic (As)	0.02	ppm max.
Color (APHA)	10	max.	Barium (Ba)	0.05	ppm max.
Water (by Coulometry)	0.05%	max.	Beryllium (Be)	0.02	ppm max.
Acidity (mEq./g.)	0.0002	max.	Bismuth (Bi)	0.02	ppm max.
Alkalinity (mEq./g.)	0.0002	max.	Cadmium (Cd)	0.02	ppm max.
Acidity or Alkalinity	Passes test		Calcium (Ca)	0.2	ppm max.
Residue on Evaporation	0.0005%	max.	Chromium (Cr)	0.01	ppm max.
Acetone (GC.)	2	ppm max.	Cobalt (Co)	0.01	ppm max.
Benzene (GC.)	2	ppm max.	Copper (Cu)	0.01	ppm max.
Ethanol (GC.)	2	ppm max.	Gallium (Ga)	0.02	ppm max.
Acetaldehyde (GC.)	0.001%	max.	Gold (Au)	0.02	ppm max.
Carbonyl Compounds (as CH ₃ CHO)	0.001%	max.	Indium (In)	0.02	ppm max.
Formaldehyde (GC.)	0.001%	max.	Iron (Fe)	0.05	ppm max.
Related substances (GC.)	Passes test		Lead (Pb)	0.05	ppm max.
Readily carbonizable substances	Passes test		Lithium (Li)	0.02	ppm max.
Readily oxidizable substances	Passes test		Magnesium (Mg)	0.05	ppm max.
Substances reducing permanganate (as O)	Passes test		Manganese (Mn)	0.01	ppm max.
Substances darkened by sulfuric acid	Passes test		Molybdenum (Mo)	0.02	ppm max.
Reducing substances	Passes test		Nickel (Ni)	0.01	ppm max.
Solubility in water	Passes test		Platinum (Pt)	0.05	ppm max.
Chloride (Cl)	0.5	ppm max.	Silver (Ag)	0.02	ppm max.
Sulfate (SO ₄)	1.0	ppm max.	Thallium (Tl)	0.02	ppm max.
UV Absorbance			Tin (Sn)	0.05	ppm max.
290 nm	0.01	AU max.	Titanium (Ti)	0.02	ppm max.
270 nm	0.02	AU max.	Vanadium (V)	0.02	ppm max.
250 nm	0.05	AU max.	Zinc (Zn)	0.05	ppm max.
230 nm	0.15	AU max.	Zirconium (Zr)	0.02	ppm max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1115-G500ML	Amber Glass	500 ML	BP1115-G4L	Amber Glass	4 Litre
BP1115-G1L	Amber Glass	1 Litre	BP1115-P4L	Plastic	4 Litre
BP1115-G2.5L	Amber Glass	2.5 Litre	BP1115-P20L	Plastic	20 Litre
BP1115-P2.5L	Plastic	2.5 Litre	BP1115-P200L	Plastic	200 Litre

ortho-Phosphoric acid 85%, Pharma

BP1152

H₃PO₄
CAS-No.
Code

FW. 98.00
7664-38-2
BP1152

Density 1 L = 1.71 Kg.
Melting Point 21 °C
Boiling Point 158 °C

Specifications
(Meets Ph.Eur, BP, USP/NF, ACS)

Assay (by acidimetry)	85 - 86 %	Chloride (Cl)	3	ppm max.
Appearance	Clear and colorless	Nitrate (NO ₃)	5	ppm max.
Identity	Passes test	Sulfate (SO ₄)	30	ppm max.
Color (APHA)	10 max.	Heavy metals (as Pb)	10	ppm max.
Solubility	Passes test	Antimony (Sb)	20	ppm max.
Insoluble matter	10 ppm max.	Arsenic (As)	1	ppm max.
Substances precipitated with ammonia	Passes test	Calcium (Ca)	20	ppm max.
Reducing substances	Passes test	Iron (Fe)	30	ppm max.
Alkali Phosphates	Passes test	Magnesium (Mg)	20	ppm max.
Hypophosphorous and Phosphorous Acid	Passes test	Manganese (Mn)	0.5	ppm max.
Volatile Acids (as CH ₃ COOH)	10 ppm max.	Potassium (K)	50	ppm max.
		Sodium (Na)	250	ppm max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1152-G500ML	Amber Glass	500 ML	BP1152-G4L	Amber Glass	4 Litre
BP1152-G1L	Amber Glass	1 Litre	BP1152-P4L	Plastic	4 Litre
BP1152-G2.5L	Amber Glass	2.5 Litre	BP1152-P25L	Plastic	25 Litre
BP1152-P2.5L	Plastic	2.5 Litre	BP1152-P200L	Plastic	200 Litre

Potassium Chloride, Pharma

BP1353

KCl
CAS-No.
Code

FW. 74.55
7447-40-7
BP1353

Density = 1.98 g/cm³
Melting Point 773 °C
Boiling Point 1413 °C

Specifications
(Meets Ph.Eur, BP, USP/NF)

Assay (by argentometry)	99.0 - 100.5%	Iodide (I)	0.005%	max.
Appearance	White or almost white, crystalline powder or colorless crystals	Sulfate (SO ₄)	0.03%	max.
Identity	Passes test	Heavy metals (as Pb)	0.001%	max.
Appearance of solution	Clear and colorless	Aluminium (Al)	0.0001%	max.
Solubility	Passes test	Arsenic (As)	0.0002%	max.
Acidity or Alkalinity	Passes test	Barium (Ba)	Passes test	
Loss on drying at 105 °C	1.0% max.	Iron (Fe)	0.002%	max.
Bromide (Br)	0.1% max.	Sodium (Na)	0.1%	max.
		Magnesium and Alkaline-earth metals	0.02%	max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1353-P500G	Plastic	500 G	BP1353-P5KG	Plastic	5 KG
BP1353-P1KG	Plastic	1 KG	BP1353-P25KG	Plastic	25 KG

Propan-2-ol 80%, Pharma
BP1157

(CH₃)₂CHOH FW. 60.10
CAS-No. 67-63-0
Code BP1157

Density 1 L = 0.848 Kg.
Melting Point -89.5 °C
Boiling Point 82.4 °C

Specifications
(Conforms to Ph.Eur, BP, USP/NF,JP, ACS)

Assay (by GC.)	80%	min.	1-Propanol (GC.)	0.1%	max.
Appearance	Clear and colorless liquid		2-Butanol (GC.)	0.1%	max.
Identity	Passes test		Total Volatile Impurity (GC.)	1.0%	max.
Color (APHA)	10	max.	Solubility in water	Passes test	
Water (by Coulometry)	20%	max.	Peroxide	Passes test	
Acidity (mEq./g)	0.0001	max.	UV Absorbance		
Alkalinity (mEq./g)	0.0001	max.	310 nm	0.01	AU max
Acidity or Alkalinity	Passes test		290 nm	0.02	AU max.
Residue on Evaporation	0.002%	max.	270 nm	0.03	AU max.
Benzene and related substances	Passes test		250 nm	0.10	AU max.
Acetone (GC.)	0.002%	max.	230 nm	0.30	AU max.
Propionaldehyde (GC.)	0.002%	max.	Relative density @ 20 °C	0.847 - 0.849	
Diethyl Ether (GC.)	0.1%	max.	Refractive Index @ 20 °C	1.376 - 1.378	
Diisopropyl Ether (GC.)	0.1%	max.			

Cat No.	Package	Size	Cat No.	Package	Size
BP1157-G500ML	Amber Glass	500 ML	BP1157-G4L	Amber Glass	4 Litre
BP1157-G1L	Amber Glass	1 Litre	BP1157-M25L	Metal	25 Litre
BP1157-G2.5L	Amber Glass	2.5 Litre	BP1157-M200L	Metal	200 Litre



Propan-2-ol, Pharma

BP1162

(CH₃)₂CHOH
CAS-No.
Code

FW. 60.10
67-63-0
BP1162

Density 1 L = 0.786 Kg.
Melting Point -89.5 °C
Boiling Point 82.4 °C

Specifications
(Meets Ph.Eur, BP, USP/NF, JP, ACS)

Assay (by GC.)	99.8%	min	1-Propanol (GC.)	0.1%	max.
Appearance	Clear and colorless liquid		2-Butanol (GC.)	0.1%	max.
Identity	Passes test		Total Volatile Impurity (GC.)	1.0%	max.
Color (APHA)	10	max.	Solubility in water	Passes test	
Water (by Coulometry)	0.2%	max.	Peroxide	Passes test	
Acidity (mEq./g)	0.0001	max.	UV Absorbance		
Alkalinity (mEq./g)	0.0001	max.	310 nm	0.01	AU max.
Acidity or Alkalinity	Passes test		290 nm	0.02	AU max.
Residue on Evaporation	0.002%	max.	270 nm	0.03	AU max.
Benzene and related substances	Passes test		250 nm	0.10	AU max.
Acetone (GC.)	0.002%	max.	230 nm	0.30	AU max.
Propionaldehyde (GC.)	0.002%	max.	Relative density @ 20 °C	0.785 - 0.789	
Diethyl Ether (GC.)	0.1%	max.	Relative density @ 25 °C	0.783 - 0.787	
Diisopropyl Ether (GC.)	0.1%	max.	Refractive Index @ 20 °C	1.376 - 1.378	

Cat No.	Package	Size	Cat No.	Package	Size
BP1162-G500ML	Amber Glass	500 ML	BP1162-G4L	Amber Glass	4 Litre
BP1162-G1L	Amber Glass	1 Litre	BP1162-M25L	Metal	25 Litre
BP1162-G2.5L	Amber Glass	2.5 Litre	BP1162-M200L	Metal	200 Litre

Sodium Acetate Trihydrate, Pharma

BP1165

CH₃COONa.3H₂O
CAS-No.
Code

FW. 136.08
6131-90-4
BP1165

Density = 1.42 g/cm³
Melting Point 58 °C

Specifications
(Meets Ph.Eur, BP, USP/NF, JP)

Assay	99.5%	min.	Chloride (Cl)	0.01%	max.
Appearance	Colorless crystal		Sulfate (SO ₄)	0.005%	max.
Identity	Passes test		Heavy metals (as Pb)	0.001%	max.
Appearance of solution	Clear and colorless		Aluminium (Al)	0.00002%	max.
Solubility	Passes test		Arsenic (As)	0.0002%	max.
Acidity or Alkalinity	Passes test		Calcium (Ca)	0.005%	max.
pH of a 5% solution at 25 °C	7.5 - 9.0		Calcium and Magnesium	0.005%	max.
Loss on drying	39.0 - 40.5%		Iron (Fe)	0.001%	max.
Insoluble matter	0.005%	max.	Magnesium (Mg)	0.002%	max.
Reducing substances	Passes test		Potassium (K)	Passes test	
Substances reducing permanganate	Passes test				

Cat No.	Package	Size	Cat No.	Package	Size
BP1165-P500G	Plastic	500 G	BP1165-P5KG	Plastic	5 KG
BP1165-P1KG	Plastic	1 KG	BP1165-P25KG	Plastic	25 KG

Sodium Carbonate Anhydrous, Pharma

BP1247

Na₂CO₃
CAS-No.
Code

FW. 105.99
497-19-8
BP1247

Density 1 L = 2.53 g/cm³
Melting Point 854 °C
Boiling Point 1600 °C

Specifications (Meets Ph.Eur, BP, USP/NF, JP)

Assay	99.5 - 100.5%	Chloride (Cl)	0.0125%	max.
Appearance	White or almost white, Slightly granular powder, hygroscopic	Sulfate (SO ₄)	0.025%	max.
Identity	Passes test	Loss on drying	1.0%	max.
Appearance of solution	Clear and not more intensely coloured than reference solution Y ₆	Heavy metals (as Pb)	0.001%	max.
Solubility	Passes test	Arsenic (As)	0.0005%	max.
Alkali Hydroxides and Bicarbonates	Passes test	Iron (Fe)	0.005%	max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1247-P500G	Plastic	500 G	BP1247-P5KG	Plastic	5 KG
BP1247-P1KG	Plastic	1 KG	BP1247-P25KG	Plastic	25 KG

Sodium Chloride 99%, Pharma

BP1166

NaCl
CAS-No.
Code

FW. 58.44
7647-14-5
BP1166

Density 1 L = 2.17 g/cm³
Melting Point 801 °C
Boiling Point 1461 °C

Specifications (Meets Ph.Eur, BP, JP)

Assay (by argentometry)	99.0-100.5%	Phosphate (PO ₄)	0.0025%	max.
Appearance	White or almost white solid	Sulfate (SO ₄)	0.02%	max.
Identity	Passes test	Heavy metals (as Pb)	0.0003%	max.
Appearance of solution	Clear and colorless	Aluminium (Al)	0.00002%	max.
Solubility	Passes test	Arsenic (As)	0.0001%	max.
Acidity or Alkalinity	Passes test	Barium (Ba)	Passes test	
Loss on drying at 105 °C	0.5% max.	Iron (Fe)	0.0002%	max.
Ferrocyanides	Passes test	Magnesium and Alkaline-earth metals	0.01%	max.
Bromide (Br)	0.01 %	Potassium (K)	0.05%	max.
Iodide (I)	Passes test	Bacterial endotoxins	5	IU/g max.
Nitrite (NO ₂)	Passes test			

Cat No.	Package	Size	Cat No.	Package	Size
BP1166-P500G	Plastic	500 G	BP1166-P5KG	Plastic	5 KG
BP1166-P1KG	Plastic	1 KG	BP1166-P25KG	Plastic	25 KG

Sodium Chloride 99.5%, Pharma

BP1167

NaCl
CAS-No.
Code

FW. 58.44
7647-14-5
BP1167

Density 1 L = 2.17 g/cm³
Melting Point 801 °C
Boiling Point 1461 °C

Specifications
(Conforms to Ph.Eur, BP, USP/NF)

Assay (by argentometry)	99.5-100.5%	Loss on drying at 105 °C, 2h	0.5%	max.
Identification	Passes test	Heavy metals (as Pb)	0.0005%	max.
Appearance of Solution	Passes test	Aluminium (Al)	0.00002%	max.
Acidity or alkalinity	Passes test	Arsenic (As)	0.0001%	max.
Bromide (Br)	0.005% max.	Barium (Ba)	Passes test	
Iodide (I)	Passes test	Calcium (Ca)	0.002%	max.
Phosphate (PO ₄)	0.0025% max.	Iron (Fe)	0.0002%	max.
Nitrite (NO ₂)	Passes test	Magnesium and alkaline-earth metals (as Ca)	0.01%	max.
Sulfate (SO ₄)	0.02% max.	Potassium (K)	0.01%	max.
Ferrocyanide (Fe(CN) ₆)	Passes test	Residual solvents (ICH Q3C)	Passes test	

Cat No.	Package	Size	Cat No.	Package	Size
BP1166-P500G	Plastic	500 G	BP1166-P5KG	Plastic	5 KG
BP1166-P1KG	Plastic	1 KG	BP1166-P25KG	Plastic	25 KG

Sodium Hydrogen Carbonate, Pharma

BP1168

NaHCO₃
CAS-No.
Code

FW. 84.01
144-55-8
BP1168

Density = 2.22 g/cm³
Melting Point 270 °C

Specifications
(Meets Ph.Eur, BP, USP/NF, JP)

Assay	99.0% min.	Ammonium (NH ₄)	0.002%	max.
Appearance	White or almost white, crystalline powder	Carbonate	Passes test	
Identity	Passes test	Chloride (Cl)	0.015%	max.
Appearance of solution	Clear and colorless	Sulfate (SO ₄)	0.015%	max.
pH of a 5% solution at 25 °C	7.9 - 8.4	Heavy metals (as Pb)	0.0005%	max.
Solubility	Passes test	Aluminium (Al)	0.0002%	max.
Loss on drying	0.25% max.	Arsenic (As)	0.0002%	max.
Insoluble Substances	Passes test	Calcium (Ca)	0.01%	max.
Organics	0.01% max.	Copper (Cu)	0.0001%	max.
Sulfur compounds	0.015% max.	Iron (Fe)	0.0005%	max.
Ammonia	Passes test	Magnesium (Mg)	0.004%	max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1168-P500G	Plastic	500 G	BP1168-P5KG	Plastic	5 KG
BP1168-P1KG	Plastic	1 KG	BP1168-P25KG	Plastic	25 KG

di-Sodium Hydrogen Phosphate Anhydrous, Pharma

BP1237

Na₂HPO₄
CAS-No.
Code

FW. 141.96
7558-79-4
BP1237

Melting Point 250 °C

Specifications (Meets Ph.Eur, BP, USP/NF)

Assay	98.0 – 101.0%	Reducing substances	Passes test
Appearance	White or almost white powder, hygroscopic	Monosodium phosphate	2.5% max.
Identity	Passes test	Chloride (Cl)	0.02% max.
Appearance of solution	Clear and colorless	Sulfate (SO ₄)	0.05% max.
Solubility	Passes test	Heavy metals (as Pb)	0.001% max.
Insoluble matter	0.40% max.	Arsenic (As)	0.0002% max.
Loss on drying at 105 °C	1.0% max.	Iron (Fe)	0.002% max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1237-P500G	Plastic	500 G	BP1237-P5KG	Plastic	5 KG
BP1237-P1KG	Plastic	1 KG	BP1237-P25KG	Plastic	25 KG



Sulfuric Acid 98%, Pharma

BP1193

H₂SO₄ FW. 98.08
CAS-No. 7664-93-9
Code BP1193

Density 1 L = 1.84 g/cm³
Melting Point -20 °C
Boiling Point 330 °C

Specifications
(Meets Ph.Eur, BP, USP/NF, ACS)

Assay (by acidimetry)	97.5 - 98.5%	Ammonium (NH ₄)	2.0	ppm max.
Appearance	Clear and colorless	Chloride (Cl)	0.2	ppm max.
Identity	Passes test	Nitrate (NO ₃)	0.5	ppm max.
Color (APHA)	10 max.	Heavy metals (as Pb)	1.0	ppm max.
Solubility	Passes test	Arsenic (As)	0.01	ppm max.
Residue after Ignition	0.0005% max.	Iron (Fe)	0.2	ppm max.
Substances reducing permanganate (as SO ₂)	2.0 ppm max.	Mercury (Hg)	0.005	ppm max.

Cat No.	Package	Size	Cat No.	Package	Size
BP1193-G500ML	Amber Glass	500 ML	BP1193-P4L	Plastic	4 Litre
BP1193-G1L	Amber Glass	1 Litre	BP1193-P20KG	Plastic	20 KG
BP1193-G2.5L	Amber Glass	2.5 Litre	BP1193-P25KG	Plastic	25 KG
BP1193-P2.5L	Plastic	2.5 Litre	BP1193-P30KG	Plastic	30 KG
BP1193-G4L	Amber Glass	4 Litre			

Sodium Hydroxide, Pharma

BP1402

NaOH FW. 40.00
CAS-No. 1310-73-2
Code BP1402

Density 1 L = 2.13 g/cm³
Melting Point 323 °C
Boiling Point 1390 °C

Specifications
(Meets Ph.Eur, BP, USP/NF, JP)

Assay (by acidimetry)	97.0% min.	Chloride (Cl)	0.005% max.
Appearance	White or almost white, crystalline masses, supplied as pellets	Sulfate (SO ₄)	0.005% max.
Identity	Passes test	Heavy metals (as Pb)	0.002% max.
Appearance of solution	Clear and colorless	Iron (Fe)	0.001% max.
Solubility	Passes test	Mercury (Hg)	Passes test
Carbonate (as Na ₂ CO ₃)	2.0% max.	Potassium (K)	Passes test

Cat No.	Package	Size	Cat No.	Package	Size
BP1402-P500G	Plastic	500 G	BP1402-P5KG	Plastic	5 KG
BP1402-P1KG	Plastic	1 KG	BP1402-P25KG	Plastic	25 KG

RCILabscan Pharmacopoeia products are offered with complete regulatory support and necessary declarations & documentation as follows:

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- Manufacturing process flow diagram
 - Manufacture License and Certificate
 - Audit
 - Quality Agreement
 - Batch Number Nomenclature
 - Nutritional/supplement facts Labelling
 - Pack Sizes, MOQ
 - Change notification declaration
 - Halal declaration
 - GMP declaration
 - Product specifications
 - Safety Data Sheet
 - Certificate of analysis (COA) and method of analysis
 - Technical Data Sheet
 - Sample Analysis Reports
 - Samples for validations & approvals
 - Stability data
 - Residual Solvent compliance
 - Dioxin free declaration
 - Gluten free declaration
 - GMO free declaration
 - TSE/BSE declaration
 - Aflatoxin free declaration
 - Allergan free declaration
 - Latex free declaration
 - Melamine free declaration
 - Metal catalyst free declaration



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