

## 1-Propanol

1-Propyl alcohol, Ethyl carbinol, 1-Hydroxy propane, Propylic alcohol

### Danger

H225 H318 H336  
P210 P243 P280 P304+P340 P305+P351+P338  
P309+P310



### CAS 71-23-8

Index 603-003-00-0

EINECS: 200-746-9

UN: 1274

ADR 3,II

Flash Pt: 15 °C

$\text{H}_3\text{CCH}_2\text{CH}_2\text{OH}$

M.W. 60.1 g/mol

Density: 0.8053 g/cm<sup>3</sup> (20 °C)

Boiling Pt: 97 °C (1013 hPa)

Melting Pt: -127 °C

Storage Temperature: Ambient temperature

## 1-Propanol HiPerSolv CHROMANORM® for HPLC

Filtered 0.2 µm filter, packaged under nitrogen

Assay (GC) .....	Min. 99.8 %
Acidity .....	Max. 0.0005 %
Alkalinity .....	Max. 0.0002 %
Evaporation residue (100°C) .....	Max. 0.001 %
Water .....	Max. 0.05 %
Transmittance (230 nm) .....	Min. 50 %
Transmittance (240 nm) .....	Min. 80 %
Transmittance (270 nm) .....	Min. 98 %
Conforms to BDH 15303 .....	Passes test

Cat. No.	Pk	Pack type
83635.320	2,5 l	Glass bottle

## 1-Propanol AnalR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay (on anhydrous substance) .....	Min. 99.5 %	Distillation range .....	Passes test Reag.Ph.Eur.
Acidity .....	Max. 0.0003 meq/g	Alkalinity .....	Max. 0.0006 meq/g
Boiling point .....	96.9 to 97.5 °C	Colouration .....	Max. 10 APHA
Density (20/4) .....	0.801 to 0.804	Density (20/20) .....	0.802 to 0.806
Acetone .....	Max. 100 ppm	Evaporation residue .....	Max. 10 ppm
Ethanol .....	Max. 0.05 %	Methanol .....	Max. 0.05 %
2-Propanol .....	Max. 0.05 %	Propionaldehyde .....	Max. 0.06 %
Water .....	Max. 0.1 %	Al (Aluminium) .....	Max. 0.5 ppm
B (Boron) .....	Max. 0.02 ppm	Ba (Barium) .....	Max. 0.1 ppm
Ca (Calcium) .....	Max. 0.5 ppm	Cd (Cadmium) .....	Max. 0.05 ppm
Co (Cobalt) .....	Max. 0.02 ppm	Cr (Chromium) .....	Max. 0.02 ppm
Cu (Copper) .....	Max. 0.05 ppm	Fe (Iron) .....	Max. 0.1 ppm
Mg (Magnesium) .....	Max. 0.1 ppm	Mn (Manganese) .....	Max. 0.02 ppm
Ni (Nickel) .....	Max. 0.02 ppm	Pb (Lead) .....	Max. 0.1 ppm
Sn (Tin) .....	Max. 0.1 ppm	Zn (Zinc) .....	Max. 0.1 ppm
Conforms to Reag. Ph.Eur. ....	Passes test		

Cat. No.	Pk	Pack type
20861.294	1 l	Glass bottle
20861.320	2,5 l	Glass bottle
20861.363	5 l	Plastic bottle

## 1-Propanol GPR RECTAPUR®

Assay .....	Min. 99 %
IR Spectrum .....	Passes test
Acidity .....	Max. 0.0003 meq/g
Density (20/4) .....	0.801 to 0.804
Distillation range .....	96 to 98 °C
Substances discoloured by H <sub>2</sub> SO <sub>4</sub> .....	Max. 150 APHA
Evaporation residue .....	Max. 100 ppm
Methanol .....	Max. 0.1 %
Water .....	Max. 0.2 %
Conforms to BDH 29679 .....	Passes test

Cat. No.	Pk	Pack type
20858.293	1 l	Plastic bottle
20858.362	5 l	Plastic bottle
20858.464	25 l	Metal drum

## 2-Propanol

2-Hydroxy propane, Dimethyl carbinol, Isopropanol, Isopropyl alcohol, IPA, Propan-2-ol

### Danger

H225 H319 H336  
P210 P280 P305+P351+P338



### CAS 67-63-0

Index 603-117-00-0

EINECS: 200-661-7

UN: 1219

ADR 3,II

Flash Pt: 12 °C

$(\text{CH}_3)_2\text{CHOH}$

M.W. 60.1 g/mol

Density: 0.786 g/cm<sup>3</sup> (20 °C)

Boiling Pt: 82 °C (1013 hPa)

Melting Pt: -89 °C

Storage Temperature: Ambient temperature

## 2-Propanol HiPerSolv CHROMANORM® for HPLC

Filtered 0.2 µm filter, packaged under nitrogen

Assay (GC) .....	Min. 99.8 %
Water .....	Max. 0.1 %
Non-volatile residue .....	Max. 0.0005 %
Acidity .....	Max. 0.0005 meq/g
Alkalinity .....	Max. 0.0002 meq/g
Transmittance (220 nm) .....	Min. 50 %
Transmittance (230 nm) .....	Min. 80 %
Transmittance (250 nm) .....	Min. 98 %
Conforms to BDH 15252 .....	Passes test

Cat. No.	Pk	Pack type
20880.290	1 l	Glass bottle
20880.320	2,5 l	Glass bottle
20880.400	4 l	Glass bottle

### NEW

## 2-Propanol HiPerSolv CHROMANORM® for preparative HPLC

Filtered 0.2 µm filter, packaged under nitrogen

Assay (calculated on anhydrous) .....	Min. 99.8 %
Acidity .....	Max. 0.0005 meq/g
Evaporation residue .....	Max. 0.0005 %
Water .....	Max. 0.1 %

Cat. No.	Pk	Pack type
84531.460	25 l	Metal drum
84531.550	200 l	Metal drum

### NEW

## 2-Propanol SPECTRONORM® for spectroscopy

Filtered 0.2 µm filter, packaged under nitrogen

Assay (GC) .....	Min. 99.8 %
Acidity .....	Max. 0.0005 meq/g
Residue on evaporation .....	Max. 0.0005 %
Water .....	Max. 0.1 %
Transmittance (210 nm) .....	Min. 25 %
Transmittance (220 nm) .....	Min. 55 %
Transmittance (230 nm) .....	Min. 75 %
Transmittance (250 nm) .....	Min. 95 %
Transmittance (260 nm) .....	Min. 98 %

Cat. No.	Pk	Pack type
84706.290	1 l	Glass bottle
84706.320	2,5 l	Glass bottle