

## 1-Propanol ROTISOLV® HPLC

### Guarantee analysis

Assay (GC) .....	≥99,5 %
Water (KF) .....	≤0,05 %
Acidity .....	≤0,002 meq/g
Non volatile matter .....	≤0,0003 %

### Transmission:

300 nm .....	≥99 %
290 nm .....	≥98 %
250 nm .....	≥90 %

Filtered through a 0.2 µm membrane and filled under protective gas.

Art. No.	Pack Qty.	Pack.
T177.1	2.5 l	glass

For further information see [www.carlroth.com](http://www.carlroth.com)

## 1-Propanol ROTIPURAN® ≥99,5 %, p.a.

### Guarantee analysis

Assay (GC) .....	≥99,5 %
Water (KF) .....	≤0,1 %
Density (d 20 °C/4 °C) .....	0,803-0,805
Acetone (GC) .....	≤0,01 %
Ethanol (GC) .....	≤0,05 %
Methanol (GC) .....	≤0,05 %
2-Propanol (GC) .....	≤0,05 %
Propionaldehyde (GC) .....	≤0,03 %
Evaporation residue .....	≤0,001 %
Lead (Pb) .....	≤0,00001 %
Cadmium (Cd) .....	≤0,000005 %
Calcium (Ca) .....	≤0,00005 %
Chromium (Cr) .....	≤0,000002 %
Iron (Fe) .....	≤0,00001 %
Cobalt (Co) .....	≤0,000002 %
Copper (Cu) .....	≤0,000002 %
Magnesium (Mg) .....	≤0,00001 %
Manganese (Mn) .....	≤0,000002 %
Nickel (Ni) .....	≤0,000002 %
Zinc (Zn) .....	≤0,00001 %

Art. No.	Pack Qty.	Pack.
6776.1	1 l	glass
6776.2	2.5 l	glass

## 1-Propanol ≥99,5 %, for synthesis

### Type analysis

Assay (GC) .....	≥99,5 %
Colour (APHA) .....	≤10
Water (KF) .....	≤0,1 %
Density (20 °C) .....	0,803-0,805

Art. No.	Pack Qty.	Pack.
9169.1	1 l	glass
9169.2	2.5 l	glass
9169.3	10 l	tinplate
9169.4	25 l	tinplate

## 1-Propanol ROTICHRON® GC

Reference substance for GC

### Type analysis

Assay .....	≥99,8 %
Identity (IR) .....	complies

Art. No.	Pack Qty.	Pack.
1YHN.1	5 ml	glass

## 2-Propanol



2-Hydroxypropane · Dimethyl carbinol · IPA · Isopropanol · Isopropyl alcohol  
M 60,10 g/mol  
CAS No. 67-63-0 · EC no. 200-661-7

## 2-Propanol ROTISOLV® ≥99,95 %, Ultra LC-MS

C<sub>3</sub>H<sub>8</sub>O · D 0,79 g/cm<sup>3</sup> · mp -89 °C · bp 82 to 83 °C · flp 12 °C

UN no. 1219 · ADR 3 II · WGK 1

Danger H225-H319-H336

### Guarantee analysis

Assay (GC) .....	≥99,95 %
Colour (APHA) .....	≤5
Water (KF) .....	≤0,05 %
Acidity (as CH <sub>3</sub> COOH) .....	≤0,001 %
Alkalinity (as NH <sub>3</sub> ) .....	≤0,0001 %
Evaporation residue .....	≤0,0001 %
Aluminium (Al) .....	≤20 ppb
Calcium (Ca) .....	≤50 ppb
Iron (Fe) .....	≤20 ppb
Potassium (K) .....	≤50 ppb
Magnesium (Mg) .....	≤20 ppb
Sodium (Na) .....	≤50 ppb

### Fluorescence (as quinine):

254 nm .....	≤0,5 ppb
365 nm .....	≤0,5 ppb

### Gradient test:

235 nm .....	≤0,001 AU
254 nm .....	≤0,001 AU

### Transmission:

250 nm .....	≥99 %
230 nm .....	≥90 %
220 nm .....	≥80 %

Filtered through 0.1 µm membrane and filled under protective gas.

Art. No.	Pack Qty.	Pack.
0733.1	1 l	glass
0733.2	2.5 l	glass

## 2-Propanol ROTISOLV® ≥99,95 %, LC-MS Grade

C<sub>3</sub>H<sub>8</sub>O · D 0,79 g/cm<sup>3</sup> · mp -89 °C · bp 82 to 83 °C · flp 12 °C

UN no. 1219 · ADR 3 II · WGK 1

Danger H225-H319-H336

### Guarantee analysis

Assay (GC) .....	≥99,95 %
Colour (APHA) .....	≤5
Water (KF) .....	≤0,05 %
Free acid (as CH <sub>3</sub> COOH) .....	≤0,001 %
Free alkali (as NH <sub>3</sub> ) .....	≤0,0005 %
Non volatile matter .....	≤0,0001 %
Aluminium (Al) .....	≤0,05 ppm
Calcium (Ca) .....	≤0,05 ppm
Iron (Fe) .....	≤0,05 ppm
Potassium (K) .....	≤0,05 ppm
Magnesium (Mg) .....	≤0,05 ppm
Sodium (Na) .....	≤0,05 ppm
LC-MS suitability test .....	complies

### Fluorescence (as quinine):

254 nm .....	≤0,5 ppb
365 nm .....	≤0,5 ppb

Gradient test UV absorption of the greatest eluted peak:

254 nm .....	≤0,001 AU
--------------	-----------

### Transmission:

260 nm .....	≥98 %
220 nm .....	≥60 %
210 nm .....	≥30 %

Filtered through a 0.2 µm membrane and filled under protective gas.

Art. No.	Pack Qty.	Pack.
AE73.1	1 l	glass
AE73.2	2.5 l	glass

## 2-Propanol ROTISOLV® HPLC

C<sub>3</sub>H<sub>8</sub>O · D 0,79 g/cm<sup>3</sup> · mp -89 °C · bp 82 to 83 °C · flp 12 °C

UN no. 1219 · ADR 3 II · WGK 1

Danger H225-H319-H336

### Guarantee analysis

Assay (GC) .....	≥99,9 %
Water (KF) .....	≤0,05 %
Free acid .....	≤0,001 %
Non volatile matter .....	≤0,0001 %

### Transmission:

255 nm .....	≥99 %
240 nm .....	≥90 %
210 nm .....	≥40 %

Filtered through a 0.2 µm membrane and filled under protective gas.

Art. No.	Pack Qty.	Pack.
7343.2	1 l	glass
7343.1	2.5 l	glass

For further information see [www.carlroth.com](http://www.carlroth.com)

## 2-Propanol ROTISOLV® Pestilyse® plus ≥99,9 %

For determination of dioxins, furans, PCBs, pesticides, hydrocarbons etc.

C<sub>3</sub>H<sub>8</sub>O · D 0,79 g/cm<sup>3</sup> · mp -89 °C · bp 82 to 83 °C · flp 12 °C

UN no. 1219 · ADR 3 II · WGK 1

Danger H225-H319-H336

### Guarantee analysis

Assay (GC) .....	≥99,9 %
Colour (APHA) .....	≤10
Water (KF) .....	≤0,03 %
Free acid (as CH <sub>3</sub> COOH) .....	≤0,001 %
Free alkali (as NH <sub>3</sub> ) .....	≤0,0001 %
Evaporation residue .....	≤0,0003 %
GC/ECD suitability (as heptachloro epoxide) .....	≤10 ng/l
GC/ECD dioxins, furans and PCBs (as lindane) .....	≤5 ng/l
GC/ECD pesticides (as lindane) .....	≤5 ng/l
GC/NPD pesticides (as parathion) .....	≤10 ng/l
PAH-test (less than 2 ppb, HPLC) .....	complies
Oil index (any hydrocarbon C <sub>10</sub> -C <sub>40</sub> ) .....	≤0,1 mg/l

### Fluorescence (as quinine):

254 nm .....	≤1 ppb
365 nm .....	≤1 ppb

### Transmission:

220 nm .....	≥80 %
--------------	-------

Art. No.	Pack Qty.	Pack.
7590.1	2.5 l	glass