

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

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

C₃H₈O · D 0,79 g/cm³ · 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 ₃ COOH)	≤0,001 %
Alkalinity (as NH ₃)	≤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

C₃H₈O · D 0,79 g/cm³ · 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 ₃ COOH)	≤0,001 %
Free alkali (as NH ₃)	≤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
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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

C₃H₈O · D 0,79 g/cm³ · 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

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

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

C₃H₈O · D 0,79 g/cm³ · 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 ₃ COOH)	≤0,001 %
Free alkali (as NH ₃)	≤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 ₁₀ -C ₄₀)	≤0,1 mg/l

Fluorescence (as quinine):

254 nm	≤1 ppb
365 nm	≤1 ppb

Transmission:

220 nm	≥80 %
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Art. No.	Pack Qty.	Pack.
7590.1	2.5 l	glass