



## 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

### 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 %
260 nm .....	≥98 %
220 nm .....	≥60 %
210 nm .....	≥30 %
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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Filtered through a 0.2 µm membrane and filled under protective gas.

Art. No.	Pack Qty.	Pack.	€
AE73.1	1 l	glass	52,60
Original pack 6 x 1 l			49,97/1 l
AE73.2	2.5 l	glass	104,85
Original pack 4 x 2.5 l			99,61/2.5 l

## 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

### 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	43,55
Original pack 6 x 1 l			41,37/1 l
7343.1	2.5 l	glass	92,35
Original pack 4 x 2.5 l			87,73/2.5 l

## 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

### 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 %
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Art. No.	Pack Qty.	Pack.	€
7590.1	2.5 l	glass	73,00
Original pack 4 x 2.5 l			69,35/2.5 l

## 2-Propanol ROTISOLV® Pestilyse® ≥99,8 %

For residue and environmental analysis.

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

### Guarantee analysis

Assay (GC) .....	≥99,8 %
Water (KF) .....	≤0,1 %
Acidity .....	≤0,0005 meq/g
Evaporation residue .....	≤0,0005 %
GC/ECD (individual signal as lindane) .....	≤5 ng/l
GC/PND (individual signal as ethylparathion) .....	≤10 ng/l

Art. No.	Pack Qty.	Pack.	€
T902.1	2.5 l	glass	71,50
Original pack 4 x 2.5 l			67,93/2.5 l

## 2-Propanol ROTISOLV® ≥99,9 %, UV/IR Grade

For chromatography and spectroscopy.

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

### Guarantee analysis

Assay (GC) .....	≥99,9 %
Water (KF) .....	≤0,05 %
Acidity .....	≤0,0005 meq/g
Evaporation residue .....	≤0,0005 %

### Fluorescence (as quinine):

254 nm .....	≤1,0 ppb
365 nm .....	≤1,0 ppb

### Transmission:

260 nm .....	≥98 %
242 nm .....	≥90 %
232 nm .....	≥80 %
217 nm .....	≥50 %
207 nm .....	≥10 %

Art. No.	Pack Qty.	Pack.	€
T910.1	2.5 l	glass	93,00
Original pack 4 x 2.5 l			88,35/2.5 l

## 2-Propanol ≥99,9 %, VLSI Grade

Semiconductor 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

### Guarantee analysis

Assay .....	≥99,9 %
Bead number (≥0,5 µm) .....	≤250 p/ml
Water .....	≤0,1 %
Alkalinity .....	<0,1 µeq/g
Acidity .....	<0,2 µeq/g
Colour (APHA) .....	≤10
Chloride (Cl) .....	≤0,0001 %

Nitrate (NO <sub>3</sub> ) .....	≤0,0001 %
Sulphate (SO <sub>4</sub> ) .....	≤0,0001 %
Sulphite (SO <sub>3</sub> ) .....	≤0,0001 %
Ash content .....	≤0,0005 %
Aluminium (Al) .....	≤20 ppb
Antimony (Sb) .....	≤10 ppb
Arsenic (As) .....	≤10 ppb
Barium (Ba) .....	≤20 ppb
Bismuth (Bi) .....	≤10 ppb
Lead (Pb) .....	≤10 ppb
Boron (B) .....	≤20 ppb
Cadmium (Cd) .....	≤10 ppb
Calcium (Ca) .....	≤50 ppb
Chromium (Cr) .....	≤10 ppb
Iron (Fe) .....	≤50 ppb
Gallium (Ga) .....	≤10 ppb
Gold (Au) .....	≤20 ppb
Potassium (K) .....	≤20 ppb
Cobalt (Co) .....	≤10 ppb
Copper (Cu) .....	≤10 ppb
Lithium (Li) .....	≤10 ppb
Magnesium (Mg) .....	≤50 ppb
Manganese (Mn) .....	≤10 ppb
Molybdenum (Mo) .....	≤10 ppb
Sodium (Na) .....	≤50 ppb
Nickel (Ni) .....	≤10 ppb
Silver (Ag) .....	≤10 ppb
Strontium (Sr) .....	≤20 ppb
Titanium (Ti) .....	≤10 ppb
Vanadium (V) .....	≤10 ppb
Zinc (Zn) .....	≤20 ppb
Tin (Sn) .....	≤10 ppb

Art. No.	Pack Qty.	Pack.	€
9781.1	2.5 l	plastic	89,15
Original pack 4 x 2.5 l			84,69/2.5 l
9781.2	5 l	plastic	146,75
Original pack 2 x 5 l			139,41/5 l

## 2-Propanol ≥99,5 %, for molecular biology

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

### Type analysis

Assay (GC) .....	≥99,5 %
Colour (APHA) .....	≤10
Water (KF) .....	≤0,05 %
Acidity (as CH <sub>3</sub> COOH) .....	≤0,0003 %
Evaporation residue .....	≤0,0005 %
DNase .....	not detected
RNase .....	not detected
Protease .....	not detected

Art. No.	Pack Qty.	Pack.	€
1HPK.1	1 l	glass	58,60
Original pack 6 x 1 l			55,67/1 l

## 2-Propanol ROTIPURAN® ≥99,8 %, p.a., ACS, ISO

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

### Guarantee analysis

Assay (GC) .....	≥99,8 %
Colour (Hazen) .....	≤10
Acidity .....	≤0,0001 meq/g
Solubility in H <sub>2</sub> O .....	complies
Density (d 20 °C/4 °C) .....	0,784-0,787
Water .....	≤0,05 %
Acetone (GC) .....	≤0,01 %
Ethanol (GC) .....	≤0,01 %
Methanol (GC) .....	≤0,01 %
Evaporation residue .....	≤0,001 %
Carbonylic compounds (as CO) .....	≤0,002 %
Matter discoloured by H <sub>2</sub> SO <sub>4</sub> (Hazen) .....	≤10
Aluminium (Al) .....	≤0,00005 %
Barium (Ba) .....	≤0,00001 %