

Technical Datasheet

Article no.: 1178

2-Propanol for LC-MS (min. 99.95 %)

CH₃CH(OH)CH₃

For laboratory use.

CAS-No: 67-63-0
Appearance/condition: Clear, colourless liquid
Melting point: -89 °C
Boiling point: 81 – 83 °C
Density (20 °C): 0.79 g/mol
Molar mass: 60.10 g/mol

Parameter	Value
Assay (GC)	min. 99.95 %
Identity (IR)	complies
Refractive index (20 °C)	1.375 – 1.379
Water (KF)	max. 200 ppm
Residue on evaporation	max. 2 ppm
Acidity (as CH ₃ COOH)	max. 0.0010 %
Alkalinity (as NH ₃)	max. 0.0005 %
UV-Transmission at 220 nm	min. 64 %
UV-Transmission at 230 nm	min. 80 %
UV-Transmission at 260 nm	min. 98.5 %
Gradient elution H. Peak at 254 nm	max. 1 mAU
Gradient elution H. Peak at 235 nm	max. 1 mAU
Aluminium (Al)	max. 50 ppb
Iron (Fe)	max. 50 ppb
Sodium (Na)	max. 50 ppb

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Parameter	Value
Calcium (Ca)	max. 50 ppb
Magnesium (Mg)	max. 50 ppb
Potassium (K)	max. 50 ppb
Sensitive impurities (reserpine)	max. 100 ppb
Colour (APHA)	max. 10
Filtered through 0.2 µm	

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Amtsgericht Stuttgart / HRB-Nr. 252035
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