

Technical Datasheet

Article no.: 1178

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

CH₃CH(OH)CH₃

For laboratory use.

Parameter	Value
CAS-Nr.	67-63-0
Appearance/condition	Clear, colourless liquid
Melting point	-89 °C
Boiling point	81 – 83 °C
Molar mass	60.10 g/mol
Identity (IR)	complies
Refractive index (20 °C)	1.375 – 1.379
Water (KF)	max. 200 mg/kg
Residue on evaporation	max. 2 mg/kg
Free acids (as CH ₃ COOH)	max. 0.0010 %
Free alkali (as NH ₃)	max. 0.0005 %
UV transmittance at 220 nm	min. 64.0 %
UV transmittance at 230 nm	min. 80.0 %
UV transmittance at 260 nm	min. 98.5 %
HPLC gradient test	complies
HPLC gradient (peak) at 254 nm	max. 2 mAU
Aluminium (Al)	max. 0.000005 %
Iron (Fe)	max. 0.000005 %
Sodium (Na)	max. 0.000005 %
Calcium (Ca)	max. 0.000005 %
Magnesium (Mg)	max. 0.000005 %
Potassium (K)	max. 0.000005 %

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Parameter	Value
Sensitive impurities (reserpine)	max. 100 ppb
Colour (Hazen)	max. 10
Filtered through 0.2 µm	