

## Propan-2-ol, LC-MS

(CH<sub>3</sub>)<sub>2</sub>CHOH      FW. 60.10  
 CAS-No.            67-63-0  
 Code                [LM1162](#)

Density 1 L = 0.786 Kg.  
 Melting Point - 89.5 °C  
 Boiling Point 82.4 °C

### Specifications

Assay (by GC.)	99.95% min.
Appearance	Clear and colorless liquid
Identity (IR)	Passes test
Color (APHA)	5 max.
Water (by Coulometry)	0.03% max.
Acidity (mEq./g.)	0.0002 max.
Alkalinity (mEq./g.)	0.0002 max.
Residue on Evaporation	0.0002% max.
Carbonyl Compounds (as propionaldehyde or acetone)	0.002% max.
Solubility in water	Passes test
UV Transmission Levels (%T)	
250 nm	99% min.
240 nm	98% min.
230 nm	90% min.
220 nm	80% min.
210 nm	40% min.
Gradient Specification	
at 235 nm	1.0 mAU max.
at 254 nm	1.0 mAU max.
Fluorescence (as quinine)	
at 254 nm	1.0 ppb max.
at 365 nm	0.5 ppb max.
Aluminium (Al)	5 ppb max.
Barium (Ba)	5 ppb max.
Cadmium (Cd)	5 ppb max.
Calcium (Ca)	20 ppb max.
Chromium (Cr)	5 ppb max.
Cobalt (Co)	5 ppb max.
Copper (Cu)	5 ppb max.
Iron (Fe)	10 ppb max.
Lead (Pb)	5 ppb max.
Magnesium (Mg)	5 ppb max.
Manganese (Mn)	5 ppb max.
Nickel (Ni)	5 ppb max.
Potassium (K)	5 ppb max.
Sodium (Na)	20 ppb max.
Tin (Sn)	5 ppb max.
Zinc (Zn)	5 ppb max.
Suitable for LC-MS (ESI positive as Reserpine)	20 ppb max.

Product passed through 0.1 micron final filter and bottled under inert gas.

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