

Propan-2-ol, ULC-MS

(CH₃)₂CHOH FW. 60.10
CAS-No. 67-63-0
Code **UM1162**

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

Specifications

Assay (by GC.)	99.98%	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.)	0.0001	max.
Residue on Evaporation	0.0001%	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	0.3	ppb max.
at 365 nm	0.3	ppb max.
Aluminium (Al)	5	ppb max.
Barium (Ba)	5	ppb max.
Bismuth (Bi)	10	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.
Lithium (Li)	10	ppb max.
Magnesium (Mg)	5	ppb max.
Manganese (Mn)	5	ppb max.
Molybdenum (Mo)	10	ppb max.
Nickel (Ni)	5	ppb max.
Potassium (K)	5	ppb max.
Silver (Ag)	10	ppb max.
Sodium (Na)	20	ppb max.
Strontium (Sr)	10	ppb max.
Tin (Sn)	5	ppb max.
Zinc (Zn)	5	ppb max.
Suitable for LC-MS (ESI positive as Reserpine)	5	ppb max.
Suitable for LC-MS (ESI negative as Reserpine)	20	ppb max.

Suitable for UHPLC / Ultra HPLC / CC / SFC - instruments.

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

TN_14-06-2022

S-QC03-UM-S-0153 / RV.02 / Eff.date 15-12-22