

Propan-1-ol, RCI Premium

CH₃CH₂CH₂OH FW. 60.10
 CAS-No. 71-23-8
 Code **RP1161**

Density 1 L = 0.804 Kg.
 Melting Point - 127 °C
 Boiling Point 97 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by GC.)	99.5%	min.
Identity (IR)	Passes test	
Appearance	Clear	
Solubility in water	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	0.05%	max.
Acidity (mEq./g.)	0.0004	max.
Alkalinity (mEq./g.)	0.0002	max.
Residue on Evaporation	0.001%	max.
Acetone (GC.)	0.01%	max.
Ethanol (GC.)	0.01%	max.
Methanol (GC.)	0.01%	max.
2-Propanol (GC.)	0.05%	max.
Carbonyl Compounds (as C ₂ H ₅ CHO)	0.03%	max.
Matter discoloured by H ₂ SO ₄ (APHA)	10	max.
Chloride (Cl)	300	ppb max.
Nitrate (NO ₃)	300	ppb max.
Phosphate (PO ₄)	500	ppb max.
Sulfate (SO ₄)	1000	ppb max.
Substances reducing permanganate (as O)	2	ppm max.
Aluminium (Al)	0.2	ppm max.
Barium (Ba)	0.05	ppm max.
Boron (B)	0.01	ppm max.
Cadmium (Cd)	0.02	ppm max.
Calcium (Ca)	0.2	ppm max.
Chromium (Cr)	0.01	ppm max.
Cobalt (Co)	0.01	ppm max.
Copper (Cu)	0.01	ppm max.
Iron (Fe)	0.05	ppm max.
Lead (Pb)	0.05	ppm max.
Magnesium (Mg)	0.05	ppm max.
Manganese (Mn)	0.01	ppm max.
Nickel (Ni)	0.01	ppm max.
Tin (Sn)	0.05	ppm max.
Zinc (Zn)	0.05	ppm max.

TN_28-07-2012

S-QC03-RP-S-0152 / RV.00 / Eff.date 01-11-12