

Propan-2-ol, Pharma

(CH ₃) ₂ CHOH	FW. 60.10	Density 1 L = 0.786 Kg.
CAS-No.	67-63-0	Melting Point - 89.5 °C
Code	BP1162	Boiling Point 82.4 °C

Specifications

(Meets Ph.Eur, BP, USP/NF, JP, ACS)

Assay (by GC.)	99.8% min.
Appearance	Clear and colorless liquid
Identity	Passes test
Color (APHA)	10 max.
Water (by Coulometry)	0.2% max.
Acidity (mEq./g)	0.0001 max.
Alkalinity (mEq./g)	0.0001 max.
Acidity or Alkalinity	Passes test
Residue on Evaporation	0.002% max.
Benzene and related substances	Passes test
Acetone (GC.)	0.002% max.
Propionaldehyde (GC.)	0.002% max.
Diethyl Ether (GC.)	0.1% max.
Diisopropyl Ether (GC.)	0.1% max.
1-Propanol (GC.)	0.1% max.
2-Butanol (GC.)	0.1% max.
Total Volatile Impurity (GC.)	1.0% max.
Solubility in water	Passes test
Peroxide	Passes test
UV Absorbance	
310 nm	0.01 AU max.
290 nm	0.02 AU max.
270 nm	0.03 AU max.
250 nm	0.10 AU max.
230 nm	0.30 AU max.
Relative density @ 20 °C	0.785 - 0.789
Relative density @ 25 °C	0.783 - 0.787
Refractive Index @ 20 °C	1.376 - 1.378

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