



Certificate of Analysis

**Isopropyl Alcohol**

MEETS USP SPECIFICATIONS  
ACS REAGENT GRADE

CAT.No: CP-C9091P, CP-D9091P, CP-T9091  
AS No: 67-63-0  
Lot No: 080620CP  
Manufactured Date: August 6, 2020  
Retest Date: August 6, 2022  
Storage: Room Temp

Molecular Formula:  $(CH_3)_2CHOH$   
Formula Weight: 60.10 g/mol  
MDL: MFCD00011674  
EC No: 200-661-7  
Density: 0.7864@20°C  
Boiling Pt: 82.3 +/- 0.1°C

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear, Colorless	Conforms
Assay (Corrected for water) (USP)	> 99.0% Min	99.9%
Assay (Corrected for water) Color (APHA)	> 99.5% Min 10 Max	99.9% 5
Water (H <sub>2</sub> O) Wt.%	0.1% Max	<0.01%
Heavy Metals (as Pb)	0.2 ppm Max	<0.02 ppm
Residue After Evaporation	0.001% Max	<0.0001%
Solubility in Water	T.P.T.	Pass
Carbonyl Compounds	0.002% Max	<0.001%
Density (g/ml) @ 20 C	0.7862 - 0.7870	0.7864
Density (g/ml) @ 25 C	0.7830 - 0.7831	0.7831
Titrateable Acid or Base	0.0001 meq/g Max	<0.0001 meq/g
Nickel (Ni)	0.1 ppm Max	<0.02ppm
Copper (Cu)	0.1 ppm Max	<0.02ppm
Iron (Fe)	0.1 ppm Max	<0.02ppm

Meets TT-I-735 Grade A and B Federal Specifications  
Digitally Approved

(COR)

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