



**ChemPure* Brand
Chemicals**

CERTIFICATE OF ANALYSIS ...Pure Quality

**Isopropyl Alcohol, ACS Reagent Grade
Meets USP Specifications**

Product Number:	CP-D9091P	Mol Formula:	CH ₃ CHOHCH ₃
CAS Number:	67-63-0	Formula Weight:	60.10 g/mol
Lot Number:	101819	MDL No:	MFGD00011674
Storage:	Red (Flammable)	EC Number:	200-661-7

TEST	MAXIMUM LIMITS	RESULT
Assay	99.5% (ACS) 99.0% (USP) Min.	99.9%
Carbonyl Compounds	0.002% (ACS)	< 0.0002%
Color (APHA)	10 (ACS)	5
Density (g/ml) @ 20 C	0.7862 - .7870	0.7864
Density (g/ml) @ 25 C	0.7830 - .7840 (USP)	0.7831
Boiling Range	82.3C - +0.1C	PASS
Residue after evaporation	0.001% (ACS) 0.005% (USP) Max.	< 0.0001%
Solubility in Water	Passes ACS Test	Pass
Titratable Acid or Base	0.0001 meq/g (ACS)	< 0.0001 meq/g
Carbonyl Compounds	0.002% (ACS)	< 0.001%
Nickel (Ni)	0.1 ppm (USP)	< 0.02 ppm
Copper (Cu)	0.1 ppm (USP)	< 0.02 ppm
Iron (Fe)	0.1 ppm (USP)	< 0.02 ppm
Water	0.2% (ACS) 0.5% (USP) Max.	< 0.01%
Heavy Metals (as Pb)	0.2 ppm (USP)	< 0.02 ppm

*Meets TT-I-735 Grade A and B Federal specification

Date of MFG: 10/2019
Retest Date: 10/2021

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