



**ChemPure\* Brand  
Chemicals**

May 20, 2019

...Pure Quality

Certificate of Analysis

# Isopropyl Alcohol

ACS Reagent Grade, Meets USP

CAT.No: CP-T9650  
CAS No: 67-63-0  
Lot No: 22C19R21  
Retest Date: MARCH 2021  
Storage: Room Temp

Molecular Formula:  $(\text{CH}_3)_2\text{CHOH}$   
Formula Weight: 60.10 g/mol  
MDL: MFCD00011674  
EC No: 200-661-7  
Density: 0.7864@20°C  
Boiling Pt: 82.31-/+0.01°C

Meets TT-I-735 Grade A & B Federal Specifications

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear, Colorless	Conforms
Assay (%)	> 99.5% min	99.9%
Color (APHA)	10	5
Water (H <sub>2</sub> O)	max 0.2 %	0.01%
Evaporation Residue	max 0.001%	<0.0001%
Solubility in Water	T.P.T. for ACS	Passes Test
Boiling Range	82.3°C-/+0.10°C	Passes Test
Titratable Acid & Base(meq/g)	0.0001 meq/g	<0.0001 meq/g
Carbonyl Compounds	max 0.002%	<0.001%
Nickel (Ni)	max 0.1ppm	<0.02 ppm
Copper (Cu)	max 0.1ppm	<0.02 ppm
Iron (Fe)	max 0.1ppm	<0.02 ppm
Heavy Metals (as Pb)	max 0.1ppm	<0.02 ppm

Approved:  
Vyto Mekesa  
QC Director

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