



**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: 30D19R21
Retest Date: APRIL 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 ₂ 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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