

## Certificate of Analysis

<b>Product Description:</b> Isopropyl Alcohol, ACS_ <b>Catalog Number:</b> 194007_ <b>Lot:</b> S0156_
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<b>Formula:</b> C <sub>3</sub> H <sub>8</sub> O <b>CAS #:</b> 67-63-0 <b>Physical Description:</b> Clear, Colorless Liquid	<b>Formula Weight:</b> 60.1 <b>Storage:</b> 15 - 30°C
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Test	Specification	Result
Assay	#99.5%	99.91% (Corrected for water)
Color (APHA)	#10	<1
Residue after Evaporation	#0.001%	0.000%
Solubility in Water	Passes	Passes
Water	#0.2%	0.03%
Titratable Acid or Base	#0.0001meq/g	0.0001 meq/g

Identification A: Passes

Identification B: Passes

Limit of Nonvolatile Residue: 0.0 mg

Limit of Volatile impurities (USP):

- Diethyl Ether: None detected

- Acetone: None detected

- Diisopropyl Ether: None detected

- n-Propyl Alcohol: <0.1%

- 2-Butanol: None detected

- Total: <0.1%

Acidity: 0.20 mL

Carbonyl Compounds (each of Propionaldehyde or Acetone): None detected

Refractive Index @ 20°C: 1.377

Specific Gravity @ 25°C: 0.783

Recommended Retest Date: 09/26/2023

10/09/2018 - John Huang, PhD  
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