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Certificate of Analysis

Product Description: Isopropyl Alcohol, ACS_
Catalog Number: 194007_
Lot: Q7308_

Formula: C₃H₈O

CAS #: 67-63-0

Physical Description: Clear, Colorless Liquid

Formula Weight: 60.1

Storage: 15 - 30°C

Test	Specification	Results
Assay	#99.5%	99.9% (GC)
Color (APHA)	#10	<1
Residue after Evaporation	#0.001%	<0.001%
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: 0.1 mg

Limit of Volatile impurities (USP):

- Diethyl Ether: <0.1%

- Acetone: None detected

- Diisopropyl Ether: <0.1%

- n-Propyl Alcohol: <0.1%

- 2-Butanol: <0.1%

- Total: <0.1%

Acidity: 0.30 mL

Carbonyl Compounds max each of Propionaldehyde or Acetone: <0.002%

Refractive Index @ 20°C: 1.376

Specific Gravity @ 25°C: 0.783

Recommended retest date:07/26/2022

08/29/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)