



MP Biomedicals, LLC

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### Certificate of Analysis

**Product Description:** Isopropyl Alcohol, Ultra Pure Grade\_  
**Catalog Number:** CMD2000\_  
**Lot:** Q4993\_

**Formula:** C<sub>3</sub>H<sub>8</sub>O  
**CAS #:** 67-63-0  
**Physical Description:** Clear, Colorless Liquid

**Formula Weight:** 60.09  
**Storage:** Room Temperature, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	>99.99% (GC)
Residue after Evaporation	≤5 ppm	<0.5 ppm
Water	≤0.1%	0.006% (KF)
Optical Absorbance:		
OD205	≤1.00	0.790
OD220	≤0.30	0.167
OD230	≤0.15	0.080
OD254	≤0.05	0.007
OD280	≤0.02	0.00
OD350	≤0.01	0.00

UV cutoff: 204 nm  
Refractive index: 1.3770  
Electron capture GC: <2 ug/L  
Recommended Retest Date: 12/01/2017

*John Huang*  
09/02/2016 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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