



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Isopropyl Alcohol, Ultra Pure Grade\_  
**Catalog Number:** CMD2000\_  
**Lot:** Q5537\_

**Formula:** C<sub>3</sub>H<sub>8</sub>O

**CAS #:** 67-63-0

**Physical Description:** Clear, Colorless Liquid

**Formula Weight:** 60.09

**Storage:** store under nitrogen, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.99% (GC)
Residue after Evaporation	≤5 ppm	< 0.5 ppm
Water	≤0.1%	0.038% (KF)
Optical Absorbance:	-	
OD205	≤1.00	0.785
OD220	≤0.30	0.172
OD230	≤0.15	0.085
OD254	≤0.05	0.012
OD280	≤0.02	0.006
OD350	≤0.01	0.000

UV cutoff: 204 nm

Refractive index: 1.3771

Electron capture GC: <2 ug/L

Recommended Retest Date: 3/03/2018

12/05/2016 - 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)