



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Acetonitrile, HPLC/Spectro Grade\_  
**Catalog Number:** 300008\_  
**Lot:** M3100\_

**Formula:** C<sub>2</sub>H<sub>3</sub>N

**CAS #:** 75-05-8

**Physical Description:** Clear Liquid

**Formula Weight:** 41.05

**Storage:** Room Temperature, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99.9%	99.98% (GC-FID)
Residue after Evaporation	≤2 ppm	0.4 ppm
Water	≤0.02%	0.003% (KF)
OD190	≤1.00	0.49
OD200	≤0.05	0.03
OD210	≤0.04	0.02
OD220	≤0.02	0.009
OD230	≤0.01	0.003
OD254	≤0.005	<0.001
OD400	≤0.005	<0.001
Color (APHA)	≤10	<5
LC Gradient Elution Suitability	Passes	Passes
Titration Acid	≤0.008 meq/g	0.0002 meq/g
Titration Base	≤0.0006 meq/g	0.00001 meq/g

*Christina Marotta*

MP Biomedicals, LLC.

Technical Director

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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)