



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Acetonitrile, HPLC/Spectro Grade_

Catalog Number: 300008_

Lot: Q6522_

Formula: C₂H₃N

CAS #: 75-05-8

Physical Description: Clear, colorless liquid

Formula Weight: 41.05

Storage: store under nitrogen, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99.9%	99.98% (GC-FID)
Residue after Evaporation	≤2 ppm	0.5 ppm
Water	≤0.02%	0.002%
OD190	≤1.00	0.62 AU
OD200	≤0.05	0.05 AU
OD210	≤0.04	0.04 AU
OD220	≤0.02	0.02 AU
OD230	≤0.01	0.008 AU
OD254	≤0.005	0.004 AU
OD400	≤0.005	0.002 AU
Color (APHA)	≤10	<5
LC Gradient Elution Suitability	Passes	Passes
Titration Acid	≤0.008 meq/g	0.0003 meq/g
Titration Base	≤0.0006 meq/g	0.00001 meq/g

450nm: <1 ppb

Recommended Retest Date: 04/18/2022

04/27/2017 - 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)