



MP Biochemicals, LLC

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Certificate of Analysis

Product Description: Acetonitrile, HPLC/Spectro Grade_

Catalog Number: 300008_

Lot: 1181J_

Formula: C₂H₃N

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%	99.95%
Residue after Evaporation	≤2 ppm	1 ppm
Water	≤0.02%	<0.01%
OD190	≤1.00	0.58
OD200	≤0.05	0.03
OD210	≤0.04	0.005
OD220	≤0.02	0.005
OD230	≤0.01	0.005
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	<0.001meq/g
Titration Base	≤0.0006 meq/g	<0.0001meq/g

02/08/2006 - Robert Beattie

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)