



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Acetonitrile, HPLC/Spectro Grade_
Catalog Number: 300008_
Lot: QR13845_

Formula: C₂H₃N

CAS #: 75-05-8

Physical Description: Clear Liquid

Formula Weight: 41.05

Storage: store under nitrogen, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99.9%	99.96%
Residue after Evaporation	≤2 ppm	0.5 ppm
Water	≤0.02%	0.002%
OD190	≤1.00	0.620
OD200	≤0.05	0.023
OD210	≤0.04	0.014
OD220	≤0.02	0.007
OD230	≤0.01	0.004
OD254	≤0.005	<0.001
OD400	≤0.005	<0.001
Color (APHA)	≤10	<5 APHA
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

Recommended Retest Date: 04/23/2018

04/25/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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<http://www.mpbio.com>

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