

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: MOPS, molecular biology reagent

Catalog Number: 194837

Lot: 4603K

Formula: C₇H₁₅NO₄S

CAS #: 1132-61-2

Physical Description: White Powder

Formula Weight: 209.3

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#99%	100.2%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: (1M aq soln)		
OD250 nm	#0.04	0.0116
OD280 nm	#0.04	0.0105
pH (10% aq soln)	Report Result	3.6

Solubility (10% aq soln): Clear & Complete

Pka (25°C): 7.1

Moisture: 0.2%

08/20/2009 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)