



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Hepes Buffer, cell culture grade.
Catalog Number: 1588413; 1588415; 1588416; 1588417_
Lot: QR11713_

Formula: C₈H₁₈N₂O₄S
CAS #: 7365-45-9
Physical Description: White Powder

Formula Weight: 238.3
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	Report Result	100.0%
Moisture Content	≤2.0%	0.18% (KFT)
Solubility	Passes	Clear, Colorless Solution/Passes
OD250 (10% aq soln)	Report Result	0.023
OD260 (10% aq soln)	Report Result	0.007
OD280 (10% aq soln)	Report Result	0.004
Expiration Date	Month/Day/Year	09/30/2019

pH (1% aq soln): 5.0
Identification (by IR, Method-S): Passes

12/24/2015 - 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)