



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: Hepes Buffer, cell culture grade.
Catalog Number: 1588413; 1588415; 1588416; 1588417_
Lot: SR02434_

Formula: C₈H₁₈N₂O₄S

CAS #: 7365-45-9

Physical Description: White Powder

Formula Weight: 238.3

Storage: desiccate, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	Report Result	99.8%
Moisture Content	≤2.0%	0.1%
Solubility	Passes	Passes
OD250 (10% aq soln)	Report Result	0.017
OD260 (10% aq soln)	Report Result	0.006
OD280 (10% aq soln)	Report Result	0.006
Expiration Date	Month/Day/Year	09/18/2023

Solubility (10% aq soln): Clear, colorless solution

pH (1% aq soln): 5.19

Heavy Metals (as Pb): Not more than 5 ppm

03/02/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This is an electronically generated document

<mailto:biotech@mpbio.com>

<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)