



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Hepes Buffer, cell culture grade.  
**Catalog Number:** 1588413; 1588415; 1588416; 1588417\_  
**Lot:** QR15096\_

**Formula:** C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S  
**CAS #:** 7365-45-9  
**Physical Description:** White Powder

**Formula Weight:** 238.3  
**Storage:** 15 - 30°C

Test	Specification	Results
Identity Test	Passes	Passes
Purity	Report Result	100.0 %
Moisture Content	≤2.0%	0.2% (KF)
Solubility	Passes	Passes
OD250 (10% aq soln)	Report Result	0.021
OD260 (10% aq soln)	Report Result	0.007
OD280 (10% aq soln)	Report Result	0.005
Expiration Date	Month/Day/Year	09/01/2021

pH (1% aq soln): 5.02  
Heavy metals (Pb): <5 ppm

01/26/2018 - 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)