



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: HEPES Sodium Salt
Catalog Number: 105593
Lot: QR12386

Formula: $C_8H_{17}N_2NaO_4S$

CAS #: 75277-39-3

Physical Description: White Powder

Formula Weight: 260.28

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 98.0\%$	100.4%
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	9.5 - 10.8	10.1
Loss on Drying	$\leq 3.0\%$	0.7%

Pka: 7.46

Recommended retest date: 6/30/2020

06/30/2016 - 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)