



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 Sodium Salt
Catalog Number: 105593
Lot: R22007

Formula: C₈H₁₇N₂NaO₄S

CAS #: 75277-39-3

Physical Description: White Powder

Formula Weight: 260.28

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98.0%	99.75%
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	9.5 - 10.8	10.01
Loss on Drying	≤3.0%	1.14%

Solubility (1.0 M in water): Clear and Complete

pKa: 7.57

UV (1.0 M in water):

---A260nm: 0.1843

---A280nm: 0.1270

10/25/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<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)