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Certificate of Analysis

Product Description: HEPES Sodium Salt
Catalog Number: 105593
Lot: MR28569

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%	99.9%
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	9.5 - 10.8	10.8
Loss on Drying	≤3.0%	0.4%

Solubility (1 M aq soln): Clear and Complete

Pka (25°C): 7.64

UV (1 M aq soln):

- A260 nm: 0.1602

- A280 nm: 0.1119

07/14/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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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)