



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** HEPES Sodium Salt  
**Catalog Number:** 105593  
**Lot:** 6339H

**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	$\geq 98.0\%$	101%
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	9.5 - 10.8	10.3
Loss on Drying	$\leq 3.0\%$	0.3%

pKa: 7.56

Heavy Metals: <1 ppm

  
02/02/2005 - Joseph Dietz, Ph.D.  
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)