



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** L-Histidine Monohydrochloride Monohydrate\_  
**Catalog Number:** 101957\_  
**Lot:** 3762C\_

**Formula:** C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>·HCl·H<sub>2</sub>O


**CAS #:** 5934-29-2

**Physical Description:** White Crystalline Powder

**Formula Weight:** 209.6

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Melting Point	250-260°C (dec)	253.2-255.6°C
FTIR	Conforms to Standard	Conforms to Standard
pH (2% aq soln)	3 - 5	4.0
Loss on Drying	≤1%	0.05%
Optical Rotation	+9.5° ± 1° (c = 1, 6N HCl)	+9.2°

  
 Approved - 11/17/99 by Joe Dietz  
 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)