



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: L-Histidine Monohydrochloride Monohydrate
Catalog Number: 101957
Lot: 1740K

Formula: C₆H₉N₃O₂·HCl·H₂O

CAS #: 5934-29-2

Physical Description: White Powder

Formula Weight: 209.6

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (2% aq soln)	3 - 5	3.9
Loss on Drying	≤1%	0.17%
Optical Rotation	+9.5° ± 1° (c = 1, 6N HCl)	+9.1°

Assay: 99.59%

Chloride: 16.9%

Clarity and Color of Solution: 98.5%

Other Amino Acids: Meets the requirement

Residue on Ignition: 0.04%

Sulfate: #0.020%

Arsenic: #1 ppm

Heavy Metals: #10 ppm

Iron: #10 ppm

10/02/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document
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<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)