

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-Histidine, Free Base, cell culture reagent

Catalog Number: 194684

Lot: 5387B

Formula: $C_6H_9N_3O_2$

CAS #: 71-00-1

Physical Description: White Powder

Formula Weight: 155.16

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	99.8%
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	7.0 - 8.5	7.7
Loss on Drying	$\leq 0.5\%$	0.168%
Optical Rotation (c=10, 4N HCl)	+11.0° to +13.5°	+12.4°

11/16/2000 - 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)