

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-Arginine Hydrochloride_
Catalog Number: 100743_
Lot: 3253E_

Formula: C₆H₁₄N₄O₂·HCl

CAS #: 1119-34-2

Physical Description: White Crystalline Powder

Formula Weight: 210.67

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=8, 2 N HCl)	+20° to +23°	+22.5°
Loss on Drying	≤ 0.5%	0.02%
Melting Point	220-230°C	220-223°C

Assay: 99.7% (dry basis)
Heavy Metals <10ppm)

Approved - 01/19/2001 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)