

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-Arginine, free base, cell culture reagent

Catalog Number: 194626

Lot: 1448B

Formula: $C_6H_{14}N_4O_2$

CAS #: 74-79-3

Physical Description: White Powder

Formula Weight: 174.2

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	99.9%
Optical Rotation (C=1.6, 6N HCl)	+26.3° to +27.7°	+27.2°
Moisture	$\leq 0.3\%$	0.07%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	225-240°C	231.9 - 232.3°C

Approved - 04/04/2000 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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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)