

**MP Biomedicals, LLC**

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

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

Catalog Number: 194626

Lot: 1876B

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

This is an electronically generated document

<mailto:biotech@mpbio.com>

<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)