

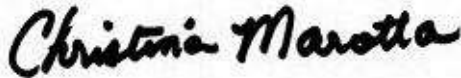
MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: L-Arginine, free base
Catalog Number: 100736
Lot: M9486**Formula:** C₆H₁₄N₄O₂
CAS #: 74-79-3
Physical Description: White Powder**Formula Weight:** 174.20
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.72%
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=1.6, 6N HCl)	+26.3° to +27.7°	+26.98°
Moisture	≤0.3%	0.14%

State of solution: 98.7%
Chloride (Cl): <0.020%
Ammonium (NH₄): <0.020%
Sulfate (SO₄): <0.020%
Iron (Fe): <10 ppm
Heavy metals (Pb): <10 ppm
Arsenic (As₂₀₃): <1 ppm
Other amina acids: Chromatographically not detectable
Residue on ignition (sulfated): 0.06%
pH: 11.0



08/15/2014 - Christina Marotta
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)