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Certificate of Analysis

Product Description: L-Arginine, free base
Catalog Number: 100736
Lot: Q2519**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%	99.65%
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=1.6, 6N HCl)	+26.3° to +27.7°	+26.7°
Moisture	≤0.3%	0.22%

Chloride: <0.05%

Sulfate: <0.03%

Iron: <0.003%

Heavy metals: <0.0015%

Residue on ignition (sulfated): 0.14%

Recommended Retest Date: 06/05/2017

07/07/2015 - John Huang, PhD
MP Biomedicals, LLC.
Senior QC ChemistThis is an electronically generated document
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