

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-Aspartic Acid_
Catalog Number: 100809_
Lot: 7168H_

Formula: C₄H₇NO₄

CAS #: 56-84-8

Physical Description: White Powder

Formula Weight: 133.10

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.7%
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation	+21 to +27° (c=1, 1N HCl)	+25.0°
Loss on Drying	≤0.5%	0.01%

Specific Rotation: +25.0°

Residue on Ignition: 0.05%

Lead: < 5 ppm

Heavy Metals: <5 ppm

Approved - 04/21/2005 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

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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)