

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: L-(+)-Lactic Acid, free acid_
Catalog Number: 190228_
Lot: 1026J_

Formula: C₃H₆O₃

CAS #: 79-33-4

Physical Description: White Crystalline Powder

Formula Weight: 90.08

Storage: -0°C, desiccate

Test	Specification	Results
Identity Test	Passes	Passes
Purity	≥98%	99.5%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	48 - 58°C	53°C
Optical Rotation	+2.6° ± 2° (c=2.5, water)	4.58°
Moisture	≤1%	0.1%

01/23/2006 - Robert Beattie

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)