



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: L-Leucyl-L-alanine_
Catalog Number: 102167_
Lot: QR11815_

Formula: C₉H₁₈N₂O₃
CAS #: 7298-84-2
Physical Description: White Powder

Formula Weight: 202.30
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	>99%
Melting Point	Report Result	>250°C
Water Content/Form	Report Result	24.8%
Optical Rotation (c=1, methanol)	+15° to +21°	15.1°

Solubility (50 mg/ml in 80% acetic acid): Clear, Colorless Solution

Elemental Analysis:

-- C: 40.5%

-- H: 9.0%

-- N: 10.4%

TLC: Complies with Authentic Material

Purity (TLC): >99%

Assay (elemental analysis): 75.0%

Assay (titration): 74.8%

Recommended Retest Date: 01/12/2019

01/14/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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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)