



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: DL-Valine_
Catalog Number: 103229_
Lot: QR14742_

Formula: C₅H₁₁NO₂

CAS #: 516-06-3

Physical Description: Fine White Powder

Formula Weight: 117.15

Storage: 15-30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.8%
FTIR	Conforms to Standard	Conforms to Standard

Loss on Drying: <0.3%

Optical Rotation: 0.008

Melting Point: 282 - 285°C

Recommended Retest Date: 10/04/2019

10/09/2017 - 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)