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Certificate of Analysis

Product Description: DL-Valine_
Catalog Number: 103229_
Lot: 4561E_

Formula: C₅H₁₁NO₂

CAS #: 516-06-3

Physical Description: white powder

Formula Weight: 117.10

Storage: Room Temperature

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

LOD: <0.3%

Melting Point: 282 - 285°C

TLC (USP method): Conforms to USP

Solubility: A 50 mg/ml solution in water is clear and colorless

Note: This certificate of analysis was updated on Feb. 28, 2003 to reflect the additional testing completed of TLC and solubility.


Approved - 03/26/2001 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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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)