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Certificate of Analysis

Product: DL-Valine
Catalog No.: 103229
Formula: C₅H₁₁NO₂
Purity: 100%
Physical Description: White Crystalline Powder

Lot No.: 54911
Formula Weight: 117.1
Storage: Room Temperature

FTIR
Optical Rotation
Melting Point
Loss on Drying

Analysis

Conforms to Standard
+1.3° ± 0.5 (c = 3, 1N HCl)
295-297°C
0.05%

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.

05/02/2000 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC
Technical Director