

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-04 13:41:14
Date of Next Testing: 2029-12-03 13:41:14
Product Name: **L-Valine**
CAS Number: 72-18-4
Specifications & Purity: Moligand™, ≥99%
Lot #: K2527648
SKU #: **V103487**
Version: **0**
Analysis #: **616331**

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=8 in HCl(1+1))	27-28.5 (°)	27.60°
Purity(HPLC)	98-100 (%)	99.73000%
Nitrogen by Elemental Analysis	11.3-12.5 (%)	11.68%
Carbon by Elemental Analysis	50.2-51.7 (%)	50.61%
Appearance (V103487)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager