

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-26 14:49:13
 Date of Next Testing: 2030-06-25 14:49:13
 Product Name: **D-Leucine**
 CAS Number: 328-38-1
 Specifications & Purity: Moligand™, ≥99%
 Lot #: F2625505
 SKU #: **L110997**
 Version: **0**
 Analysis #: **722423**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.86900 %
Carbon by Elemental Analysis	54.1-55.8 (%)	54.92900 %
Nitrogen by Elemental Analysis	10.4-11 (%)	10.78400 %
Specific Rotation [α] _{20/D} (c=4 in 6mol/L HCl)	-15.5--13.5 (°)	-15.41000 °
Appearance (L110997)	White Crystals, Powder or Flakes	White Crystals, Powder or Flakes
Solubility in 1 N HCl, c = 5%	Clear Colorless	Clear Colorless
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager