

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-08 16:48:42

Date of Next Testing: 2028-04-07 16:48:42

Product Name: **D-Leucine**

CAS Number: 328-38-1

Specifications & Purity: Moligand™, ≥99%

Lot #: C2429499

SKU #: **L110997**

Version: **0**

Analysis #: **325171**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.46100 %
Carbon by Elemental Analysis	54.1-55.8 (%)	54.70800 %
Nitrogen by Elemental Analysis	10.4-11 (%)	10.58300 %
Specific Rotation [α] _{20/D} (c=4 in 6mol/L HCl)	-15.5--13.5 (°)	-14.23500 °
Appearance (L110997)	White Crystals, Powder or Flakes	White Crystals, Powder or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl, c = 5%	Clear Colorless	Clear Colorless



John Su
QA & QC Manager