

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-19 08:42:46
 Date of Next Testing: 2029-07-18 08:42:46
 Product Name: **L-Leucine**
 CAS Number: 61-90-5
 Specifications & Purity: Moligand™, ≥99%
 Lot #: G2517600
 SKU #: **L104898**
 Version: **2**
 Analysis #: **530228**
 Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=4 in 6N HCl)	14.5-17.3 (°)	15.40000 °
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.90000 %
Carbon by Elemental Analysis	53.8-59 (%)	54.76200 %
Nitrogen by Elemental Analysis	10.4-11 (%)	10.59000 %
Appearance (L104898)	White to Off-White Powder or Crystalline powder or Shiny flakes	White to Off-White Powder or crystalline powder or shiny flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility 5% HCl, Colorless to Very Faint Yellow, Clear 1g/20ml	Pass	Pass



John Su
QA & QC Manager