

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 14:56:30
 Date of Next Testing: 2029-08-19 14:56:30
 Product Name: **DL-leucine**
 CAS Number: 328-39-2
 Specifications & Purity: $\geq 98\%$
 Lot #: K2111043
 SKU #: **L100046**
 Version: **0**
 Analysis #: **556725**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Loss on drying	0-0.3 (%)	0.01000 %
Sulfate Ash	0-0.1 (%)	0.04500 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.30000 %
Heavy metal (as Pb)	0-20 (ppm)	5.00000 ppm
Appearance (L100046)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl , Colorless to Faint Yellow, Clear to hazy, 50 mg/ml	pass	Pass



John Su
QA & QC Manager