

Certificate of Analysis

Date of Testing: 2023-10-23 13:18:50

Date of Next Testing: 2027-10-22 13:18:50

Product Name: **DL-leucine**

CAS Number: 328-39-2

Specifications & Purity: 98%

Lot #: L1926065

SKU #: **L100046**

Analysis: **288252**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-0.3 (%)	0.19 %
Sulfate Ash	0-0.1 (%)	0.04 %
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.89 %
Heavy metal (as Pb)	0-20 (ppm)	14.70 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