

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-19 11:12:06

Date of Next Testing: 2029-09-18 11:12:06

Product Name: **L-Isoleucine**

CAS Number: 73-32-5

Specifications & Purity: Moligand™, ≥99%

Lot #: L2108231

SKU #: **I103488**

Version: **0**

Analysis #: **573717**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98.5-101.5 (%)	100.50000 %
Purity(HPLC)	99-100 (%)	99.13000 %
Specific Rotation [α] _{20/D} (c=4 in 6mol/L HCl)	38-43 (°)	39.57000 °
Appearance (I103488)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NH ₄ OH , Colorless, Clear to Very Slightly Hazy, 50 mg/mL	pass	Pass



John Su
QA & QC Manager