

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 15:21:02
 Date of Next Testing: 2029-09-16 15:21:02
 Product Name: **L-Isoleucine**
 CAS Number: 73-32-5
 Specifications & Purity: Moligand™, ≥99%
 Lot #: I2511002
 SKU #: **I103488**
 Version: **0**
 Analysis #: **231254**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98.5-101.5 (%)	100.87000 %
Specific Rotation [α] _{20/D} (c=4 in 6mol/L HCl)	38-43 (°)	39.58300 °
Purity(HPLC)	98-100 (%)	99.56000 %
Appearance (I103488)	white powder or solid	white powder or solid
Solubility in 1 M NH ₄ OH , Colorless, Clear to Very Slightly Hazy, 50 mg/mL pass		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager