

Certificate of Analysis

Date of Testing: 2025-05-15 16:24:22

Date of Next Testing: 2029-05-14 16:24:22

Product Name: **L-Isoleucine**

CAS Number: 73-32-5

Specifications & Purity: Moligand™, ≥99%

Lot #: E2512281

SKU #: **I103488**

Version: **0**

Analysis #: **504418**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Specific Rotation [α] ₂₀ /D(c=4 in 6mol/L HCl)	38-43 (°)	39.02 °
Purity(Nonaqueous Titration)	98.5-101.5 (%)	101.21 %
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