

Certificate of Analysis

Date of Testing: 2025-04-27 15:42:43

Date of Next Testing: 2029-04-26 15:42:43

Product Name: **L-Isoleucine**

CAS Number: 73-32-5

Specifications & Purity: Moligand™, ≥99%

Lot #: D2521038

SKU #: **I103488**

Version: **0**

Analysis #: **413070**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98.5-101.5 (%)	100.54 %
Purity(HPLC)	99-100 (%)	99.73000 %
Specific Rotation [α] ₂₀ /D(c=4 in 6mol/L HCl)	38-43 (°)	39.66 °
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