

Certificate of Analysis

Date of Testing: 2022-08-29 10:55:45
Date of Next Testing: 2026-08-28 10:55:45
Product Name: **L-Isoleucine**
CAS Number: 73-32-5
Specifications & Purity: 99%
Lot #: H2219290
SKU #: **I103488**
Analysis: **118500**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98.5-101.5 (%)	100.00 %
Purity(HPLC)	98-100 (%)	99.86200 %
Specific Rotation [α] ₂₀ /D(c=4 in 6mol/L HCl)	38-43 (°)	42.95 °
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/mLpass		Pass



John Su
QA & QC Manager