

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-27 14:16:05

Date of Next Testing: 2027-09-26 14:16:05

Product Name: **L-Isoleucine**

CAS Number: 73-32-5

Specifications &amp; Purity: 99%

Lot #: I2319180

SKU #: **I103488****Analysis: 268766**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98.5-101.5 (%)	100.07 %
Purity(HPLC)	99-100 (%)	99.68300 %
Specific Rotation [a] <sub>20</sub> /D(c=4 in 6mol/L HCl)	38-43 (°)	39.34°
Appearance (I103488)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NH <sub>4</sub> OH , Colorless,Clear to Very Slightly Hazy,50 mg/mLpass		Pass

John Su  
QA & QC Manager