

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-06-28 16:48:50
Date of Next Testing:	2027-06-27 16:48:50
Product Name:	<b>L-Isoleucine</b>
CAS Number:	73-32-5
Specifications & Purity:	99%
Lot #:	F2320290
SKU #	<b>I103488</b>
<b>Analysis:</b>	<b>231254</b>
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98.5-101.5 (%)	100.87 %
Specific Rotation [α] <sub>20</sub> /D(c=4 in 6mol/L HCl)	38-43 (°)	39.58 °
Purity(HPLC)	98-100 (%)	99.56000 %
Appearance (I103488)	white powder or solid	white powder or solid
Solubility in 1 M NH <sub>4</sub> 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