

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-05 18:55:16

Date of Next Testing: 2026-12-04 18:55:16

Product Name: **DL-Isoleucine**

CAS Number: 443-79-8

Specifications & Purity: $\geq 98\%$

Lot #: K2230711

SKU #: **I105431**

Version: **0**

Analysis #: **150637**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.23000 %
Heavy metal (as Pb)	0-20 (ppm)	11.20000 ppm
Sulfate Ash	0-0.1 (%)	0.10000 %
Loss on drying	0-0.3 (%)	0.20000 %
DL-allo-isoleucine	0-10 (%)	5.50000 %
Appearance (I105431)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager