

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-07 17:15:07

Date of Next Testing: 2028-12-06 17:15:07

Product Name: **D-allo-Isoleucine**

CAS Number: 1509-35-9

Specifications & Purity: $\geq 98\%$

Lot #: L2406536

SKU #: **I113995**

Version: **1**

Analysis #: **073062**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.71600 %
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in } 6\text{mol/L HCl})}$	-39--35 (°)	-35.01000 °
Solubility in HCl(1+1)	very faint turbidity	very faint turbidity
Appearance (I113995)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager