

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-14 11:34:32

Date of Next Testing: 2028-06-13 11:34:32

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

CAS Number: 1509-35-9

Specifications & Purity: $\geq 98\%$

Lot #: F2406195

SKU #: **I113995**

Version: **1**

Analysis #: **335654**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in } 6\text{mol/L HCl})$	-39--35 ($^{\circ}$)	-36.52000 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.31200 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
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



John Su
QA & QC Manager