

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-25 15:11:32
Date of Next Testing: 2029-10-24 15:11:32
Product Name: **L-tert-Leucine**
CAS Number: 20859-02-3
Specifications & Purity: $\geq 99\%$
Lot #: K2124033
SKU #: **L102884**
Version: **0**
Analysis #: **582139**

Parameter	Limit Values	Result
Enantiometric Excess	98.5-100 (%)	99.54 %
Heavy metal (as Pb)	0-10 (ppm)	1.25 ppm
Sulfate Ash	0-0.1 (%)	0.03 %
Loss on drying	0-0.2 (%)	0.00 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	98.72 %
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in H}_2\text{O})$	-10.5--8 (°)	-9.25 °
Appearance (L102884)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager