

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-02 15:17:14

Date of Next Testing: 2027-02-01 15:17:14

Product Name: **L-tert-Leucine**

CAS Number: 20859-02-3

Specifications & Purity: $\geq 99\%$

Lot #: A2331225

SKU #: **L102884**

Version: **0**

Analysis #: **102712**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Enantiometric Excess	98.5-100 (%)	99.65000 %
Heavy metal (as Pb)	0-10 (ppm)	5.30000 ppm
Sulfate Ash	0-0.1 (%)	0.00000 %
Loss on drying	0-0.2 (%)	0.10000 %
Purity(NonaqueousTitration)	98.5-101.5 (%)	99.71000 %
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in H}_2\text{O})}$	-10.5--8 (°)	-8.67700 °
Appearance (L102884)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager