

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-27 10:20:56  
Date of Next Testing: 2030-05-26 10:20:56  
Product Name: **L-tert-Leucine**  
CAS Number: 20859-02-3  
Specifications & Purity:  $\geq 99\%$   
Lot #: H2206089  
SKU #: **L102884**  
Version: **0**  
Analysis #: **709590**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Enantiometric Excess	98.5-100 (%)	99.60000 %
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 (%)	99.70000 %
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in H}_2\text{O})$	-10.5--8 ( $^{\circ}$ )	-8.67000 $^{\circ}$
Appearance (L102884)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager