

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-13 13:51:29

Date of Next Testing: 2028-05-12 13:51:29

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

CAS Number: 20859-02-3

Specifications & Purity: 99%

Lot #: D2428357

SKU #: **L102884****Analysis: 334776**

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=3 in H ₂ O)	-10.5--8 (°)	-9.59°
Enantiometric Excess	98.5-100 (%)	98.83%
Heavy metal (as Pb)	0-10 (ppm)	9.00 ppm
Sulfate Ash	0-0.1 (%)	0.09%
Loss on drying	0-0.2 (%)	0.13%
Purity(Nonaqueous Titration)	98.5-101.5 (%)	98.50%
Appearance (L102884)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager