

Certificate of Analysis

Date of Testing: 2025-02-11 16:34:49
Date of Next Testing: 2029-02-10 16:34:49
Product Name: **L-tert-Leucine**
CAS Number: 20859-02-3
Specifications & Purity: $\geq 99\%$
Lot #: E2112092
SKU #: **L102884**
Version: **0**
Analysis #: **469378**

Parameter	Limit Values	Result
Enantiometric Excess	98.5-100 (%)	99.95 %
Heavy metal (as Pb)	0-10 (ppm)	3.51 ppm
Sulfate Ash	0-0.1 (%)	0.02 %
Loss on drying	0-0.2 (%)	0.08 %
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.93 %
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in H}_2\text{O})$	-10.5--8 (°)	-9.32 °
Appearance (L102884)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager