

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-08 14:25:14
 Date of Next Testing: 2029-09-07 14:25:14
 Product Name: **L-Leucine tert-butyl ester hydrochloride**
 CAS Number: 2748-02-9
 Specifications & Purity: $\geq 98\%$
 Lot #: K2123534
 SKU #: **L116989**
 Version: **1**
 Analysis #: **568674**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.3-55 (%)	53.74800 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$	18-21 (°)	18.45000 °
Purity (Argentmetric Titration)	97.5-102.5 (%)	99.02000 %
Purity(HPLC)	98-100 (%)	98.01000 %
Nitrogen by Elemental Analysis	6-6.6 (%)	6.11800 %
Appearance (L116989)	White powder	White powder
Solubility in MeOH , Colorless to Faint Yellow Clear to Hazy,50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager