

Certificate of Analysis

Date of Testing: 2023-02-07 15:05:16
Date of Next Testing: 2027-02-06 15:05:16
Product Name: **L-Leucine tert-butyl ester hydrochloride**
CAS Number: 2748-02-9
Specifications & Purity: 98%
Lot #: E1518053
SKU #: **L116989**
Analysis: 184199
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.3-55 (%)	53.66 %
Specific Rotation [α] ₂₀ /D(c=2 in EtOH)	18-21 (°)	19.50°
Purity (Argentometric Titration)	97.5-102.5 (%)	98.20 %
Purity(HPLC)	98-100 (%)	98.17700 %
Nitrogen by Elemental Analysis	6-6.6 (%)	6.30 %
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