

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-16 14:54:47

Date of Next Testing: 2029-10-15 14:54:47

Product Name: **L-Leucine methyl ester hydrochloride**

CAS Number: 7517-19-3

Specifications & Purity: $\geq 98\%$

Lot #: A2212460

SKU #: **L109004**

Version: **0**

Analysis #: **587950**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.23400 %
Sulfate Ash	0-0.2 (%)	0.10000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	12-14 (°)	12.94000 °
Purity(Titration by AgNO ₃)	98-100 (%)	98.00510 %
Substances not precipitated by ammonia	0-0.5 (%)	0.33400 %
Appearance (L109004)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager