

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-04 09:53:00
 Date of Next Testing: 2029-06-03 09:53:00
 Product Name: **L-Leucine methyl ester hydrochloride**
 CAS Number: 7517-19-3
 Specifications & Purity: $\geq 98\%$
 Lot #: E2521379
 SKU #: **L109004**
 Version: **0**
 Analysis #: **386261**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	12-14 (°)	12.78300 °
Loss on drying	0-0.5 (%)	0.42000 %
Sulfate Ash	0-0.2 (%)	0.20000 %
Purity(Titration by AgNO ₃)	98-100 (%)	98.10000 %
Substances not precipitated by ammonia	0-0.5 (%)	0.32000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (L109004)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager