

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-10 11:14:36
 Date of Next Testing: 2026-05-09 11:14:36
 Product Name: **L-Lysine ethyl ester dihydrochloride**
 CAS Number: 3844-53-9
 Specifications & Purity: $\geq 98\%$
 Lot #: G1816031
 SKU #: **L100450**
 Version: **1**
 Analysis #: **089872**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.01800 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	9-11 (°)	10.86300 °
Purity(HPLC)	98-100 (%)	98.07500 %
Assay(Titration by AgNO ₃)	97.5-102.5 (%)	98.06200 %
Appearance (L100450)	White Powder, Crystals or Granular Powder	White Powder, Crystals or Granular Powder
Solubility in H ₂ O , Clear Colorless,1g in 10ml Water	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager