

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-10 16:59:51
 Date of Next Testing: 2026-06-09 16:59:51
 Product Name: **L-Lysine dihydrochloride**
 CAS Number: 657-26-1
 Specifications & Purity: $\geq 98\%$
 Lot #: F2206379
 SKU #: **L116990**
 Version: **0**
 Analysis #: **097115**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.62400 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } H_2O)}$	14-17 (°)	15.72000 °
Loss on drying(105°C, 3h)	0-0.5 (%)	0.45000 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.02000 %
Appearance (L116990)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager