

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-21 11:32:10

Date of Next Testing: 2030-04-20 11:32:10

Product Name: **L-Lysine**

CAS Number: 56-87-1

Specifications & Purity: Moligand™, ≥98%, Metal < 500ppm

Lot #: D2614593

SKU #: **L598932**

Version: **1**

Analysis #: **690272**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in 5mol/L HCl)	24-27 (°)	24.25300°
Water by Karl Fischer	0-12 (%)	6.72040 %
Purity(HPLC area)	98-100 (%)	99.91900 %
Total Metallic Impuritie	< 500 (ppm)	4.00000 ppm
Appearance(L598932)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager