

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-29 14:20:05  
Date of Next Testing: 2029-03-28 14:20:05  
Product Name: **L-Lysine**  
CAS Number: 56-87-1  
Specifications & Purity: Moligand™, ≥98%, Metal < 500ppm  
Lot #: C2525118  
SKU #: **L598932**  
Version: **1**  
Analysis #: **489060**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2 in 5mol/L HCl)	24-27 (°)	25.11°
Water by Karl Fischer	0-12 (%)	1.86 %
Purity(HPLC area)	98-100 (%)	100.00 %
Total Metallic Impuritie	< 500 (ppm)	423.01 ppm
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(L598932)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su  
QA & QC Manager