

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-13 11:38:36
Date of Next Testing:	2027-10-12 11:38:36
Product Name:	L-Lysine
CAS Number:	56-87-1
Specifications & Purity:	Moligand™, ≥98%, Metal < 500ppm
Lot #:	J2309012
SKU #	L598932
Version	1
Analysis #:	284782
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in 5mol/L HCl)	24-27 (°)	25.58°
Water by Karl Fischer	0-12 (%)	2.13%
Purity(HPLC area)	98-100 (%)	98.97%
Total Metallic Impuritie	< 500 (ppm)	0.00 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 ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su
QA & QC Manager