

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-05 11:07:58
 Date of Next Testing: 2030-02-04 11:07:58
 Product Name: **L-Lysine**
 CAS Number: 56-87-1
 Specifications & Purity: Moligand™, ≥98%
 Lot #: A2630531
 SKU #: **L103479**
 Version: **1**
 Analysis #: **641436**
 Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|--|--|
| Specific Rotation [α] ₂₀ /D(c=2 in 5mol/L HCl) | 24-27 (°) | 24.29° |
| Water by Karl Fischer | 0-12 (%) | 2.64 % |
| Purity(HPLC) | 98-100 (%) | 100.00000 % |
| Carbon by Elemental Analysis(anhydrous) | 48.3-50.3 (%) | 49.07 % |
| Nitrogen by Elemental Analysis (anhydrous) | 18.8-19.5 (%) | 19.06 % |
| Appearance (L103479) | 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