

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

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|--------------------------|---------------------------------|
| Date of Testing: | 2025-06-26 17:50:01 |
| Date of Next Testing: | 2029-06-25 17:50:01 |
| Product Name: | L-Lysine |
| CAS Number: | 56-87-1 |
| Specifications & Purity: | Moligand™, ≥98%, Metal < 500ppm |
| Lot #: | F2525157 |
| SKU # | L598932 |
| Version | 1 |
| Analysis #: | 534685 |
| Storage Temperature: | Argon charged |

| Parameter | Limit Values | Result |
|-----------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Specific Rotation [α] ₂₀ /D(c=2 in 5mol/L HCl) | 24-27 (°) | 25.57° |
| Water by Karl Fischer | 0-12 (%) | 2.01% |
| Purity(HPLC area) | 98-100 (%) | 99.80% |
| Total Metallic Impuritie | < 500 (ppm) | 438.00 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