

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-16 15:18:16
Date of Next Testing: 2026-10-16 15:18:16
Product Name: **D-Lysine**
CAS Number: 923-27-3
Specifications & Purity: Moligand™, ≥99%
Lot #: A2312341
SKU #: **D139442**
Version: **0**
Analysis #: **421493**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.99300 %
Specific Rotation [α] ₂₅ /D(c=1 in H ₂ O)	-16--12 (°)	-13.24 °
Carbon by Elemental Analysis	47-50.5 (%)	48.55 %
Nitrogen by Elemental Analysis	18-19.4 (%)	18.83 %
Water by Karl Fischer	0-5 (%)	1.46 %
Appearance (D139442)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager