

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-01 11:38:02
 Date of Next Testing: 2028-06-30 11:38:02
 Product Name: **D-Lysine**
 CAS Number: 923-27-3
 Specifications & Purity: Moligand™, ≥99%
 Lot #: F2629344
 SKU #: **D139442**
 Version: **0**
 Analysis #: **725394**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Water by Karl Fischer	0-5 (%)	4.46220 %
Specific Rotation [α] ₂₅ /D(c=1 in H ₂ O)	-16--12 (°)	-15.56600 °
Nitrogen by Elemental Analysis	18-19.4 (%)	18.19000 %
Carbon by Elemental Analysis	47-50.5 (%)	47.44000 %
Appearance (D139442)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Solubility in H ₂ O , Colorless to Faint Yellow	pass	Pass
Clear ,50 mg/mL, H ₂ O		
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager