

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 11:25:39
 Date of Next Testing: 2027-05-17 11:25:39
 Product Name: **D-Arginine**
 CAS Number: 157-06-2
 Specifications & Purity: Moligand™, ≥98%
 Lot #: E2311096
 SKU #: **A109212**
 Version: **0**
 Analysis #: **061122**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.45100 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	-28--24 (°)	-25.18700 °
Appearance (A109212)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager