

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-01 17:26:41

Date of Next Testing: 2026-10-31 17:26:41

Product Name: **D-Arginine**

CAS Number: 157-06-2

Specifications & Purity: Moligand™, ≥98%

Lot #: J2228193

SKU #: **A109212**

Version **0**

Analysis #: **116070**

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	-28--24 (°)	-24.47 °
Purity(HPLC)	98-100 (%)	98.02300 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager