

Certificate of Analysis

Date of Testing: 2023-05-20 13:23:28

Date of Next Testing: 2027-05-19 13:23:28

Product Name: **D-Arginine**

CAS Number: 157-06-2

Specifications & Purity: 98%

Lot #: E2311077

SKU #: **A109212**

Analysis: **061122**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.45100 %
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	-28--24 (°)	-25.19°
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