

Certificate of Analysis

Date of Testing: 2022-03-26 15:53:58

Date of Next Testing: 2026-03-25 15:53:58

Product Name: **D-Serine**

CAS Number: 312-84-5

Specifications & Purity: >98.5%

Lot #: C2224405

SKU #: **S105977****Analysis: 079289**

Parameter	Limit Values	Result
Purity(HPLC)	98.5-100 (%)	99.88300%
Specific Rotation [α] ₂₀ /D(c=10 in HCl(1+5))	-15.5--14.3 (°)	-14.30°
Appearance (S105977)	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 , clear colorless to faint yellow solution at 50mg/m	pass	Pass

John Su
QA & QC Manager