

Certificate of Analysis

Date of Testing: 2024-05-08 16:05:24
Date of Next Testing: 2028-05-07 16:05:24
Product Name: **D-Serine**
CAS Number: 312-84-5
Specifications & Purity: >98.5%
Lot #: D2425380
SKU #: **S105977**
Analysis: **336275**

Parameter	Limit Values	Result
Purity(HPLC)	98.5-100 (%)	99.18000%
Specific Rotation [α] ₂₀ /D(c=10 in HCl(1+5))	-15.5--14.3 (°)	-14.32°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (S105977)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Solubility in H ₂ O , clear colorless to faint yellow solution at 50mg/m	pass	Pass



John Su
QA & QC Manager