

## Certificate of Analysis

Date of Testing: 2024-05-07 16:44:35

Date of Next Testing: 2028-05-06 16:44:35

Product Name: **D-Serine**

CAS Number: 312-84-5

Specifications & Purity: >98.5%

Lot #: D2425497

SKU #: **S105977**

**Analysis: 336273**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=10 in HCl(1+5))	-15.5--14.3 (°)	-14.32 °
Purity(HPLC)	98.5-100 (%)	99.00000 %
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 <sub>2</sub> O , clear colorless to faint yellow solution at 50mg/m	pass	Pass



John Su  
QA & QC Manager