

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-14 13:25:57

Date of Next Testing: 2029-03-13 13:25:57

Product Name: **D-Serine**

CAS Number: 312-84-5

Specifications & Purity: Moligand™, ≥98.5%

Lot #: C2511143

SKU #: **S105977**

Version: **0**

Analysis #: **079289**

Storage Temperature: Room temperature

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 (°)	-14.30200 °
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