

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-14 15:20:57
Date of Next Testing: 2029-08-13 15:20:57
Product Name: **D-Serine**
CAS Number: 312-84-5
Specifications & Purity: Moligand™, ≥98.5%
Lot #: J2123633
SKU #: **S105977**
Version: **0**
Analysis #: **553764**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in HCl(1+5)	-15.5--14.3 (°)	-14.40000 °
Purity(HPLC)	98.5-100 (%)	99.96000 %
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