

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-31 15:21:13

Date of Next Testing: 2029-07-30 15:21:13

Product Name: **L-O-Phosphoserine (L-SOP)**

CAS Number: 407-41-0

Specifications & Purity: Moligand™, ≥98%(T)

Lot #: G2525596

SKU #: **S161191**

Version: **0**

Analysis #: **537201**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.21000 %
Specific Rotation [α] ₂₀ /D(c=1 in 2M HCL)	15.4-16.7 (°)	15.41500°
Appearance (S161191)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager