

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-26 18:36:09
Date of Next Testing: 2028-12-25 18:36:09
Product Name: **L-O-Phosphoserine**
CAS Number: 407-41-0
Specifications & Purity: Moligand™, ≥98%(T)
Lot #: L2424246
SKU #: **S161191**
Version: **0**
Analysis #: **394415**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.11%
Specific Rotation [α] ₂₀ /D(c=1 in 2M HCL)	15.4-16.7 (°)	16.68°
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