

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-10 15:48:30

Date of Next Testing: 2029-04-09 15:48:30

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

CAS Number: 407-41-0

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

Lot #: C2527657

SKU #: **S161191**

Version: **0**

Analysis #: **485000**

Storage Temperature: Room temperature, Argon charged

| Parameter                                             | Limit Values              | Result                    |
|-------------------------------------------------------|---------------------------|---------------------------|
| Purity(Neutralization titration)                      | 98-100 (%)                | 98.90000 %                |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in 2M HCL) | 15.4-16.7 (°)             | 16.35400 °                |
| 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