

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-10 15:17:13  
 Date of Next Testing: 2026-06-08 15:17:13  
 Product Name: **1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt) (DOPS)**  
 CAS Number: 90693-88-2  
 Specifications & Purity: Moligand™, ≥99%  
 Lot #: L2502297  
 SKU #: **D130321**  
 Version: **0**  
 Analysis #: **612228**  
 Storage Temperature: Store at -20°C

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis     | 61.5-62.5 (%)         | 62.01000 %            |
| Oxygen by Elemental Analysis     | 19.4-20 (%)           | 19.87000 %            |
| Nitrogen by Elemental Analysis   | 1.5-1.9 (%)           | 1.78000 %             |
| Sodium by elemental analysis     | 2.6-3 (%)             | 2.84000 %             |
| Hydrogen by Elemental Analysis   | 9.3-9.8 (%)           | 9.56000 %             |
| Phosphorus by Elemental Analysis | 3.6-4 (%)             | 3.71000 %             |
| Purity(HPLC)                     | 99-100 (%)            | 99.00000 %            |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager