

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-16 10:26:37

Date of Next Testing: 2026-10-16 10:26:37

Product Name: **1,2-distearoyl-sn-glycero-3-phospho-L-serine (sodium salt)**

CAS Number: 321595-13-5

Specifications & Purity:  $\geq 99\%$

Lot #: A2214442

SKU #: **D130315**

Version **0**

**Analysis #:** **587744**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                     | 99-100 (%)            | 99.02400 %            |
| Hydrogen by Elemental Analysis   | 9.7-10.2 (%)          | 9.89 %                |
| Nitrogen by Elemental Analysis   | 1.5-1.9 (%)           | 1.56 %                |
| Sodium by elemental analysis     | 2.6-3 (%)             | 2.89 %                |
| Phosphorus by Elemental Analysis | 3.6-4 (%)             | 3.78 %                |
| Carbon by Elemental Analysis     | 61.2-62.2 (%)         | 61.45 %               |
| Oxygen by Elemental Analysis     | 19.3-19.9 (%)         | 19.34 %               |
| LC-MS Test                       | Pass                  | Pass                  |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager