

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-11 10:02:57  
 Date of Next Testing: 2025-06-11 10:02:57  
 Product Name: **1,2-dilauroyl-sn-glycero-3-phospho-L-serine (sodium salt)**  
 CAS Number: 208757-51-1  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: K2013001  
 SKU #: **D130324**  
 Version: **0**  
 Analysis #: **365650**  
 Storage Temperature: Store at -20°C

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Nitrogen by Elemental Analysis   | 1.9-2.4 (%)           | 2.08000 %             |
| Phosphorus by Elemental Analysis | 4.6-5 (%)             | 4.78000 %             |
| Sodium by elemental analysis     | 3.3-3.8 (%)           | 3.58000 %             |
| Oxygen by Elemental Analysis     | 24.3-25 (%)           | 24.56000 %            |
| Hydrogen by Elemental Analysis   | 8.6-9.1 (%)           | 8.78000 %             |
| Carbon by Elemental Analysis     | 55-56 (%)             | 55.47000 %            |
| Purity(HPLC)                     | 98-100 (%)            | 98.35000 %            |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager