

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2024-08-13 14:08:18                             |
| Date of Next Testing:    | 2025-02-09 14:08:18                             |
| Product Name:            | <b>1,2-dioleoyl-sn-glycero-3-phosphocholine</b> |
| CAS Number:              | 4235-95-4                                       |
| Specifications & Purity: | >99%  |
| Lot #:                   | H2406426  |
| SKU #                    | <b>D130438</b>                                  |
| Version                  | <b>0</b>  |
| Analysis #:              | <b>391874</b>                                   |
| Storage Temperature:     | Store at -20°C, Argon charged                   |

| Parameter  | Limit Values  | Result  |
|--|---|---|
| Purity(HPLC)   | 99-100 (%)  | 99.92000 %  |
| Purity(Fatty Acid, By GC)  | 99-100 (%)  | 99.00 %   |
| Specific Rotation [α] <sub>20</sub> /D(c=0.5 in CHCL <sub>3</sub> :MeOH=4:1)         | 4-6 (°)   | 5.00 °  |
| Appearance (D130438)   | white to off white powder or viscous solid or waxy solids or lump | white to off white powder or viscous solid or waxy solids or lump |
| Proton NMR spectrum  | Conforms to Structure   | Conforms to Structure   |
| Solubility in CHCL <sub>3</sub> , Colorless to Faint pass<br>Yellow, Clear, 20 mg/mL |   | Pass  |



John Su  
QA & QC Manager