

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-06-22 15:33:53

Date of Next Testing: 2027-06-22 15:33:53

Product Name: **1,2-distearoyl-sn-glycero-3-phosphoethanolamine**

CAS Number: 1069-79-0

Specifications & Purity:  $\geq 97\%$

Lot #: F2611351

SKU #: **D130471**

Version: **0**

Analysis #: **713969**

Storage Temperature: Store at -20°C

| Parameter                                                                    | Limit Values                                 | Result                                       |
|------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(HPLC)(CAD)                                                            | 97-100 (%)                                   | 98.00000 %                                   |
| Specific Rotation $[\alpha]_{20/D(c=0.5 \text{ in CHCL}_3:\text{AcOH}=1:1)}$ | 6-8 (°)                                      | 7.82000 °                                    |
| Purity(Nonaqueous Titration)                                                 | 97-100 (%)                                   | 97.20000 %                                   |
| Appearance (D130471)                                                         | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Proton NMR spectrum                                                          | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in CHCL <sub>3</sub> /MeOH 3/1                                    | Colorless, Clear (visual), 20 mg/ml          | Colorless, Clear (visual), 20 mg/ml          |



John Su  
QA & QC Manager