

## Certificate of Analysis

Date of Testing: 2023-03-15 10:36:52

Date of Next Testing: 2024-03-14 10:36:52

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

CAS Number: 1069-79-0

Specifications & Purity: >97%

Lot #: H2130165

SKU #: **D130471**

**Analysis:** **199221**

Storage Temperature: Store at -20°C

| Parameter                                                                    | Limit Values                                 | Result                                       |
|------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(HPLC)(CAD)                                                            | 97-100 (%)                                   | 98.22 %                                      |
| Specific Rotation [α] <sub>20</sub> /D(c=0.5 in CHCL <sub>3</sub> :AcOH=1:1) | 6-8 (°)                                      | 7.20°                                        |
| Purity(Nonaqueous Titration)                                                 | 97-100 (%)                                   | 97.45 %                                      |
| 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          |



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