

## Certificate of Analysis

Date of Testing: 2023-03-07 17:28:44

Date of Next Testing: 2025-03-06 17:28:44

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

CAS Number: 816-94-4

Specifications & Purity: >99%

Lot #: B2328192

SKU #: **D130429**

**Analysis:** **104512**

Storage Temperature: Store at -20°C

| Parameter                                                                       | Limit Values                       | Result                             |
|---------------------------------------------------------------------------------|------------------------------------|------------------------------------|
| Purity(Nonaqueous Titration)                                                    | 98.5-101.5 (%)                     | 99.96 %                            |
| Purity(HPLC)                                                                    | 99-100 (%)                         | 99.10000 %                         |
| Specific Rotation [α] <sub>25</sub> /D(c=2 in CHCL <sub>3</sub> )               | 5-7 (°)                            | 5.01 °                             |
| Phosphorus by ICP                                                               | 3.7-4 (%)                          | 3.71 %                             |
| Proton NMR spectrum                                                             | Conforms to Structure              | Conforms to Structure              |
| Solubility in CHCL <sub>3</sub> , Colorless to pale yellow,clear,100 pass mg/ml |                                    | Pass                               |
| Appearance (D130429)                                                            | white to Off-white powder or solid | White to Off-White Powder or Solid |



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