

## Certificate of Analysis

Date of Testing: 2025-04-15 14:58:52

Date of Next Testing: 2027-04-15 14:58:52

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

CAS Number: 816-94-4

Specifications & Purity:  $\geq 99\%$

Lot #: F2327311

SKU #: **D130429**

Version: **1**

Analysis #: **494047**

Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                                       | Limit Values                       | Result                             |
|---------------------------------------------------------------------------------|------------------------------------|------------------------------------|
| Phosphorus by ICP                                                               | 3.7-4 (%)                          | 3.80 %                             |
| Specific Rotation $[\alpha]_{25}^D(c=2 \text{ in CHCL}_3)$                      | 5-7 ( $^{\circ}$ )                 | 6.85 $^{\circ}$                    |
| Purity(HPLC)                                                                    | 99-100 (%)                         | 99.05000 %                         |
| Appearance (D130429)                                                            | white to Off-white powder or solid | White to Off-White Powder or Solid |
| 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                               |



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