

## Certificate of Analysis

Date of Testing: 2025-01-08 13:41:44  
 Date of Next Testing: 2027-01-08 13:41:44  
 Product Name: **1,2-distearoyl-sn-glycero-3-phosphocholine**  
 CAS Number: 816-94-4  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: A2507139  
 SKU #: **D130429**  
 Version: **1**  
 Analysis #: **450881**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                                      | Limit Values                       | Result                             |
|--------------------------------------------------------------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)                                                                   | 99-100 (%)                         | 99.67000 %                         |
| Specific Rotation $[\alpha]_{25}^D(c=2 \text{ in CHCL}_3)$                     | 5-7 ( $^{\circ}$ )                 | 5.78 $^{\circ}$                    |
| Phosphorus by ICP                                                              | 3.7-4 (%)                          | 3.80 %                             |
| 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,100pass mg/ml |                                    | Pass                               |



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