

Certificate of Analysis

Date of Testing: 2025-01-03 10:50:47
 Date of Next Testing: 2027-01-03 10:50:47
 Product Name: **1,2-distearoyl-sn-glycero-3-phosphocholine**
 CAS Number: 816-94-4
 Specifications & Purity: $\geq 99\%$
 Lot #: L2424607
 SKU #: **D130429**
 Version: **1**
 Analysis #: **450881**
 Storage Temperature: Store at -20°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 ₃ , Colorless to pale yellow,clear,100pass mg/ml		Pass



John Su
QA & QC Manager