

Certificate of Analysis

Date of Testing: 2023-12-19 14:52:29

Date of Next Testing: 2025-12-18 14:52:29

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

CAS Number: 816-94-4

Specifications & Purity: >99%

Lot #: L2312027

SKU #: **D130429**

Analysis: **240149**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.90 %
Purity(HPLC)	99-100 (%)	99.80000 %
Specific Rotation $[\alpha]_{25}^D(c=2 \text{ in CHCL}_3)$	5-7 (°)	5.60 °
Phosphorus by ICP	3.7-4 (%)	3.98 %
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