

Certificate of Analysis

Date of Testing: 2022-02-28 14:25:14

Date of Next Testing: 2024-02-28 14:25:14

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

CAS Number: 816-94-4

Specifications & Purity: >99%

Lot #: B2225374

SKU #: **D130429**

Analysis: **063059**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.02 %
Purity(HPLC)	99-100 (%)	99.00000 %
Specific Rotation $[\alpha]_{25}^D(c=2 \text{ in CHCL}_3)$	5-7 (°)	6.32 °
Phosphorus by ICP	3.7-4 (%)	3.92 %
Appearance (D130429)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless to pale yellow,clear,100 mg/ml	pass	Pass



John Su
QA & QC Manager