

Certificate of Analysis

Date of Testing: 2024-10-11 11:11:40

Date of Next Testing: 2026-10-11 11:11:40

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

CAS Number: 816-94-4

Specifications & Purity: >99%

Lot #: J2409103

SKU #: **D130429**

Version: **1**

Analysis #: **310291**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98.5-101.5 (%)	100.69 %
Purity(HPLC)	99-100 (%)	99.70000 %
Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in CHCL}_3)$	5-7 (°)	6.00 °
Phosphorus by ICP	3.7-4 (%)	3.90 %
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