

Certificate of Analysis

Date of Testing: 2024-10-21 10:46:35

Date of Next Testing: 2026-10-21 10:46:35

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

CAS Number: 816-94-4

Specifications & Purity: $\geq 99\%$

Lot #: J2415790

SKU #: **D130429**

Version: **1**

Analysis #: **415263**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.89000 %
Specific Rotation $[\alpha]_{25/D(c=2 \text{ in } CHCl_3)}$	5-7 (°)	6.03 °
Phosphorus by ICP	3.7-4 (%)	3.87 %
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