

Certificate of Analysis

Date of Testing: 2025-04-15 14:58:52

Date of Next Testing: 2027-04-15 14:58:52

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

CAS Number: 816-94-4

Specifications & Purity: $\geq 99\%$

Lot #: F2327320

SKU #: **D130429**

Version: **1**

Analysis #: **494047**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus by ICP	3.7-4 (%)	3.80 %
Specific Rotation $[\alpha]_{25}^D(c=2 \text{ in CHCL}_3)$	5-7 (°)	6.85 °
Purity(HPLC)	99-100 (%)	99.05000 %
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,100 pass mg/ml		Pass



John Su
QA & QC Manager