

Certificate of Analysis

Date of Testing: 2024-12-16 16:52:14

Date of Next Testing: 2026-12-16 16:52:14

Product Name: **1,2-dimyristoyl-sn-glycero-3-phosphocholine(DMPC)**

CAS Number: 18194-24-6

Specifications & Purity: $\geq 99\%$

Lot #: C2304399

SKU #: **D130420**

Version: **0**

Analysis #: **450187**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus(anhydrous)	4.4-4.8 (%)	4.41 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in CHCL}_3)}$	7-10 (°)	9.91 °
Water by Karl Fischer	0-3.5 (%)	1.82 %
Purity(HPLC)	99-100 (%)	99.80700 %
Appearance (D130420)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCl ₃ /MeOH (9/1)	Colorless to Faint Yellow,Clear,25 mg/mL	Colorless to Faint Yellow,Clear,25 mg/mL



John Su
QA & QC Manager