

Certificate of Analysis

Date of Testing: 2024-12-16 15:58:41

Date of Next Testing: 2026-12-16 15:58:41

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

CAS Number: 18194-24-6

Specifications & Purity: $\geq 99\%$

Lot #: L2410416

SKU #: **D130420**

Version: **0**

Analysis #: **440619**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3.5 (%)	0.56 %
Purity(HPLC)	99-100 (%)	99.05000 %
Phosphorus(anhydrous)	4.4-4.8 (%)	4.79 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCl}_3)$	7-10 ($^{\circ}$)	7.24 $^{\circ}$
Appearance (D130420)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in $\text{CHCl}_3/\text{MeOH}$ (9/1)	Colorless to Faint Yellow,Clear,25 mg/mL	Colorless to Faint Yellow,Clear,25 mg/mL



John Su
QA & QC Manager