

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-22 09:43:32
Date of Next Testing: 2027-08-22 09:43:32
Product Name: **1,2-dimyristoyl-sn-glycero-3-phosphocholine(DMPC)**
CAS Number: 18194-24-6
Specifications & Purity: $\geq 99\%$
Lot #: H2520645
SKU #: **D130420**
Version: **0**
Analysis #: **534728**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus(anhydrous)	4.4-4.8 (%)	4.62 %
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in CHCL}_3)$	7-10 ($^{\circ}$)	7.28 $^{\circ}$
Water by Karl Fischer	0-3.5 (%)	3.48 %
Purity(HPLC)	99-100 (%)	99.01000 %
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