

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-07 14:12:27  
Date of Next Testing: 2028-04-06 14:12:27  
Product Name: **1,2-dimyristoyl-sn-glycero-3-phosphocholine(DMPC)**  
CAS Number: 18194-24-6  
Specifications & Purity:  $\geq 99\%$   
Lot #: F2425253  
SKU #: **D130420**  
Version: **0**  
Analysis #: **685557**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Phosphorus(anhydrous)	4.4-4.8 (%)	4.40800 %
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in CHCl}_3)$	7-10 ( $^{\circ}$ )	7.22800 $^{\circ}$
Water by Karl Fischer	0-3.5 (%)	0.61900 %
Purity(HPLC)	99-100 (%)	99.63200 %
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