

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-02 11:44:52
 Date of Next Testing: 2028-03-01 11:44:52
 Product Name: **1,2-dimyristoyl-sn-glycero-3-phosphocholine(DMPC)**
 CAS Number: 18194-24-6
 Specifications & Purity: $\geq 99\%$
 Lot #: B2627744
 SKU #: **D130420**
 Version: **0**
 Analysis #: **637999**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3.5 (%)	0.57530 %
Purity(HPLC)	99-100 (%)	99.28800 %
Phosphorus(anhydrous)	4.4-4.8 (%)	4.40100 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCl}_3)$	7-10 ($^{\circ}$)	7.31130 $^{\circ}$
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