

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-11 18:31:13  
Date of Next Testing: 2024-01-07 18:31:13  
Product Name: **1,2-dioleoyl-sn-glycero-3-phosphocholine**  
CAS Number: 4235-95-4  
Specifications & Purity: >99%  
Lot #: G2308211  
SKU #: **D130438**  
**Analysis: 210418**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.60000 %
Purity(Fatty Acid,By GC)	99-100 (%)	99.60 %
Specific Rotation [α] <sub>20</sub> /D(c=0.5 in CHCL <sub>3</sub> :MeOH=4:1)	4-6 (°)	5.00 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL <sub>3</sub> , Colorless to Faint Yellow,Clear,20 mg/mL	pass	Pass
Appearance (D130438)	white to off white powder or viscous solid or waxy solids	white to off white powder or viscous solid or waxy solids



John Su  
QA & QC Manager