

Certificate of Analysis

Date of Testing: 2024-11-01 17:09:40

Date of Next Testing: 2025-04-30 17:09:40

Product Name: **1,2-dioleoyl-sn-glycero-3-phosphocholine**

CAS Number: 4235-95-4

Specifications & Purity: $\geq 99\%$

Lot #: J2431300

SKU #: **D130438**

Version: **0**

Analysis #: **425930**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.92000 %
Purity(Fatty Acid, By GC)	99-100 (%)	99.00 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in CHCL}_3:\text{MeOH}=4:1)$	4-6 (°)	5.10 °
Appearance (D130438)	white to off white powder or viscous solid or waxy solids or lump	white to off white powder or viscous solid or waxy solids or lump
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless to Faintpass		Pass
Yellow, Clear, 20 mg/mL		



John Su
QA & QC Manager