

Certificate of Analysis

Date of Testing: 2025-06-18 10:57:38

Date of Next Testing: 2026-06-18 10:57:38

Product Name: **1,2-distearoyl-sn-glycero-3-phosphoethanolamine**

CAS Number: 1069-79-0

Specifications & Purity: $\geq 97\%$

Lot #: G2222230

SKU #: **D130471**

Version: **0**

Analysis #: **530567**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)(CAD)	97-100 (%)	98.78 %
Specific Rotation $[\alpha]_{20/D(c=0.5 \text{ in CHCL}_3:\text{AcOH}=1:1)}$	6-8 ($^{\circ}$)	6.67 $^{\circ}$
Purity(Nonaqueous Titration)	97-100 (%)	98.00 %
Appearance (D130471)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ /MeOH 3/1	Colorless, Clear (visual), 20 mg/ml	Colorless, Clear (visual), 20 mg/ml



John Su
QA & QC Manager