

Certificate of Analysis

Date of Testing: 2024-02-20 13:36:38

Date of Next Testing: 2025-02-19 13:36:38

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

CAS Number: 1069-79-0

Specifications & Purity: >97%

Lot #: G2222229

SKU #: **D130471**

Analysis: **321156**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)(CAD)	97-100 (%)	98.80 %
Specific Rotation [α] ₂₀ /D(c=0.5 in CHCL ₃ :AcOH=1:1)	6-8 (°)	6.70°
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