

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-07 14:51:37
 Date of Next Testing: 2026-05-07 14:51:37
 Product Name: **1,2-distearoyl-sn-glycero-3-phosphoethanolamine**
 CAS Number: 1069-79-0
 Specifications & Purity: $\geq 97\%$
 Lot #: D2525204
 SKU #: **D130471**
 Version: **0**
 Analysis #: **425241**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)(CAD)	97-100 (%)	99.54000 %
Specific Rotation $[\alpha]_{20/D(c=0.5 \text{ in CHCL}_3:\text{AcOH}=1:1)}$	6-8 ($^{\circ}$)	6.20000 $^{\circ}$
Purity(Nonaqueous Titration)	97-100 (%)	98.20000 %
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