

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-10 11:22:17  
Date of Next Testing: 2027-01-10 11:22:17  
Product Name: **1,2-distearoyl-sn-glycero-3-phosphoethanolamine**  
CAS Number: 1069-79-0  
Specifications & Purity:  $\geq 97\%$   
Lot #: A2608023  
SKU #: **D130471**  
Version: **0**  
Analysis #: **546183**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)(CAD)	97-100 (%)	98.00000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in CHCL}_3:\text{AcOH}=1:1)$	6-8 ( $^{\circ}$ )	6.02000 $^{\circ}$
Purity(Nonaqueous Titration)	97-100 (%)	97.85000 %
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 <sub>3</sub> /MeOH 3/1	Colorless, Clear (visual), 20 mg/ml	Colorless, Clear (visual), 20 mg/ml



John Su  
QA & QC Manager