

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-25 14:26:18  
Date of Next Testing: 2027-08-25 14:26:18  
Product Name: **1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(succinyl) (sodium salt)**  
CAS Number: 186800-61-3  
Specifications & Purity: ≥99%  
Lot #: H2519224  
SKU #: **D130728**  
Version: **1**  
**Analysis #:** **526044**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.36000 %
Phosphorus by Elemental Analysis	3.2-4.3 (%)	3.21 %
Sodium by elemental analysis	2.6-3.1 (%)	2.63 %
Oxygen by Elemental Analysis	20.9-22.1 (%)	20.95 %
Carbon by Elemental Analysis	59.3-61 (%)	59.62 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager