

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-23 15:53:35

Date of Next Testing: 2026-10-23 15:53:35

Product Name: **1,2-distearoyl-sn-glycero-3-phospho-L-serine (sodium salt)**

CAS Number: 321595-13-5

Specifications & Purity: $\geq 99\%$

Lot #: J2515114

SKU #: **D130315**

Version **0**

Analysis #: **595350**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Hydrogen by Elemental Analysis	9.7-10.2 (%)	9.80000 %
Nitrogen by Elemental Analysis	1.5-1.9 (%)	1.70000 %
Sodium by elemental analysis	2.6-3 (%)	2.70000 %
Phosphorus by Elemental Analysis	3.6-4 (%)	3.70000 %
Carbon by Elemental Analysis	61.2-62.2 (%)	61.80000 %
Oxygen by Elemental Analysis	19.3-19.9 (%)	19.40000 %
LC-MS Test	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager