

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-19 18:31:11

Date of Next Testing: 2023-03-18 18:31:11

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

CAS Number: 321883-23-2

Specifications & Purity: $\geq 99\%$

Lot #: I2202887

SKU #: **S130325**

Version: **0**

Analysis #: **119559**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.20000 %
Carbon by Elemental Analysis	61.3-62.3 (%)	62.01000 %
Oxygen by Elemental Analysis	19.3-19.9 (%)	19.60000 %
Phosphorus by Elemental Analysis	3.6-4 (%)	3.79000 %
Sodium by elemental analysis	2.6-3 (%)	2.72000 %
Nitrogen by Elemental Analysis	1.5-1.9 (%)	1.73000 %
Hydrogen by Elemental Analysis	9.5-10 (%)	9.69000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager