

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-20 15:05:11

Date of Next Testing: 2025-11-16 15:05:11

Product Name: **1',3'-bis[1,2-dioleoyl-sn-glycero-3-phospho]-sn-glycerol (sodium salt)**

CAS Number: 115404-77-8

Specifications & Purity: $\geq 99\%$

Lot #: B2511336

SKU #: **B130226**

Version **0**

Analysis #: **511323**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	17.7-18.3 (%)	18.10000 %
Phosphorus by Elemental Analysis	3.9-4.3 (%)	3.90000 %
Purity(HPLC)	99-100 (%)	100.00000 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.70000 %
Sodium(Na)	2.8-3.3 (%)	2.90000 %
Carbon by Elemental Analysis	63.9-65 (%)	64.40000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager