

Certificate of Analysis

Date of Testing: 2024-05-27 15:18:06

Date of Next Testing: 2024-11-23 15:18:06

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

CAS Number: 115404-77-8

Specifications & Purity: >99%

Lot #: E2423180

SKU #: **B130226**

Version: **0**

Analysis #: **357157**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.90000 %
Oxygen by Elemental Analysis	17.7-18.3 (%)	17.86 %
Phosphorus by Elemental Analysis	3.9-4.3 (%)	4.04 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.85 %
Sodium(Na)	2.8-3.3 (%)	3.00 %
Carbon by Elemental Analysis	63.9-65 (%)	64.39 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager