

Certificate of Analysis

Date of Testing: 2023-12-22 15:13:18
Date of Next Testing: 2024-06-19 15:13:18
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 #: K2222142
SKU #: **B130226**
Analysis: 307974
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	17.7-18.3 (%)	17.93 %
Phosphorus by Elemental Analysis	3.9-4.3 (%)	4.10 %
Purity(HPLC)	99-100 (%)	99.10200 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.91 %
Sodium(Na)	2.8-3.3 (%)	3.12 %
Carbon by Elemental Analysis	63.9-65 (%)	64.50 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager