

Certificate of Analysis

Date of Testing: 2024-12-20 09:03:33

Date of Next Testing: 2025-06-18 09:03:33

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

CAS Number: 90693-88-2

Specifications & Purity: $\geq 99\%$

Lot #: B2322557

SKU #: **D130321**

Version **0**

Analysis #: 452486

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.09750 %
Carbon by Elemental Analysis	61.5-62.5 (%)	61.89 %
Oxygen by Elemental Analysis	19.4-20 (%)	19.47 %
Nitrogen by Elemental Analysis	1.5-1.9 (%)	1.60 %
Sodium by elemental analysis	2.6-3 (%)	2.67 %
Hydrogen by Elemental Analysis	9.3-9.8 (%)	9.38 %
Phosphorus by Elemental Analysis	3.6-4 (%)	3.67 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager