

Certificate of Analysis

Date of Testing: 2024-11-18 16:17:06

Date of Next Testing: 2025-05-17 16:17:06

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

CAS Number: 90693-88-2

Specifications & Purity: $\geq 99\%$

Lot #: E2416220

SKU #: **D130321**

Version: **0**

Analysis #: **438171**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.29800 %
Carbon by Elemental Analysis	61.5-62.5 (%)	62.01 %
Oxygen by Elemental Analysis	19.4-20 (%)	19.50 %
Nitrogen by Elemental Analysis	1.5-1.9 (%)	1.67 %
Sodium by elemental analysis	2.6-3 (%)	2.78 %
Hydrogen by Elemental Analysis	9.3-9.8 (%)	9.50 %
Phosphorus by Elemental Analysis	3.6-4 (%)	3.60 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager