

Certificate of Analysis

Date of Testing: 2022-03-11 11:57:13

Date of Next Testing: 2022-09-07 11:57:13

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

CAS Number: 90693-88-2

Specifications & Purity: >99%

Lot #: G2115183

SKU #: **D130321**

Analysis: **081730**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.22000 %
Carbon by Elemental Analysis	61.5-62.5 (%)	61.56 %
Oxygen by Elemental Analysis	19.4-20 (%)	19.50 %
Nitrogen by Elemental Analysis	1.5-1.9 (%)	1.51 %
Sodium by elemental analysis	2.6-3 (%)	2.61 %
Hydrogen by Elemental Analysis	9.3-9.8 (%)	9.32 %
Phosphorus by Elemental Analysis	3.6-4 (%)	3.62 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager