

Certificate of Analysis

Date of Testing: 2022-11-15 14:39:06

Date of Next Testing: 2023-05-14 14:39:06

Product Name: **1-palmitoyl-2-(5'-oxo-valeroyl)-sn-glycero-3-phosphocholine**

CAS Number: 121324-31-0

Specifications & Purity: >99%

Lot #: L2118351

SKU #: **P130753**

Analysis: **155560**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	23.8-24.5 (%)	24.08 %
Purity(HPLC)	99-100 (%)	99.14600 %
Hydrogen by Elemental Analysis	9.2-9.7 (%)	9.46 %
Phosphorus by Elemental Analysis	5-5.4 (%)	5.30 %
Carbon by Elemental Analysis	57.9-58.9 (%)	58.23 %
Nitrogen by Elemental Analysis	2.1-2.6 (%)	2.34 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager