

## 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 #: L2118352

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 |



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