

## Certificate of Analysis

Date of Testing: 2022-07-20 16:06:38

Date of Next Testing: 2024-07-19 16:06:38

Product Name: **1,2-bis(10,12-tricosadiynoyl)-sn-glycero-3-phosphoethanolamine**

CAS Number: 144750-73-2

Specifications & Purity: 99%

Lot #: G2215053

SKU #: **B130230**

**Analysis:** **096378**

Storage Temperature: Store at -20°C

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                     | 99-100 (%)            | 99.00000 %            |
| Nitrogen by Elemental Analysis   | 1.4-1.8 (%)           | 1.51 %                |
| Hydrogen by Elemental Analysis   | 9.6-10.1 (%)          | 9.73 %                |
| Phosphorus by Elemental Analysis | 3.3-3.8 (%)           | 3.39 %                |
| Oxygen by Elemental Analysis     | 14.3-14.9 (%)         | 14.36 %               |
| Carbon by Elemental Analysis     | 69.3-70.4 (%)         | 69.52 %               |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |



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