

Certificate of Analysis

Date of Testing: 2025-01-14 08:54:20

Date of Next Testing: 2027-01-14 08:54:20

Product Name: **1,2-Dipalmitoyl-sn-Glycero-3-Phosphothioethanol (Sodium Salt)**

CAS Number: 474923-39-2

Specifications & Purity: $\geq 99\%$

Lot #: D23131130

SKU #: **D130725**

Version: **1**

Analysis #: **462192**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus by Elemental Analysis	4-4.4 (%)	4.20 %
Purity(HPLC)	99-100 (%)	99.10000 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.80 %
Oxygen by Elemental Analysis	17.1-17.7 (%)	17.50 %
Carbon by Elemental Analysis	60-61 (%)	60.70 %
Sulfur by Elemental Analysis	4.1-4.6 (%)	4.30 %
Sodium(Na)	2.9-3.3 (%)	3.10 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager