

Certificate of Analysis

Date of Testing: 2025-03-14 11:41:14

Date of Next Testing: 2026-03-14 11:41:14

Product Name: **1,2-dilauroyl-sn-glycero-3-phosphoethanolamine**

CAS Number: 59752-57-7

Specifications & Purity: $\geq 99\%$

Lot #: E2431068

SKU #: **D130467**

Version **0**

Analysis #: **480938**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	2.2-2.6 (%)	2.50 %
Carbon by Elemental Analysis	59.3-60.3 (%)	59.30 %
Purity(HPLC)	98-100 (%)	98.10000 %
Oxygen by Elemental Analysis	21.7-22.3 (%)	22.00 %
Hydrogen by Elemental Analysis	9.8-10.3 (%)	10.10 %
Phosphorus by Elemental Analysis	5.1-5.5 (%)	5.40 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager