

Certificate of Analysis

Date of Testing: 2025-02-11 11:11:19

Date of Next Testing: 2026-02-11 11:11:19

Product Name: **1,2-dioctanoyl-sn-glycero-3-phosphocholine**

CAS Number: 19191-91-4

Specifications & Purity: $\geq 99\%$

Lot #: K2212190

SKU #: **D130411**

Version **0**

Analysis #: **468532**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	55.8-56.8 (%)	56.10 %
Oxygen by Elemental Analysis	24.7-25.3 (%)	24.80 %
Phosphorus by Elemental Analysis	5.8-6.3 (%)	6.00 %
Nitrogen by Elemental Analysis	2.5-3 (%)	2.60 %
Hydrogen by Elemental Analysis	9.2-9.7 (%)	9.40 %
Purity(HPLC)	99-100 (%)	99.01000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager