

Certificate of Analysis

Date of Testing: 2022-11-14 10:07:23

Date of Next Testing: 2024-11-13 10:07:23

Product Name: **1-nonadecanoyl-2-hydroxy-sn-glycero-3-phosphocholine**

CAS Number: 108273-88-7

Specifications & Purity: >99%

Lot #: J2214169

SKU #: **N130496**

Analysis: **131806**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.60000 %
Hydrogen by Elemental Analysis	10.2-10.7 (%)	10.33 %
Nitrogen by Elemental Analysis	2.4-2.8 (%)	2.50 %
Carbon by Elemental Analysis	59.5-60.5 (%)	60.08 %
Oxygen by Elemental Analysis	20.4-21 (%)	20.42 %
Phosphorus by Elemental Analysis	5.5-6 (%)	5.92 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager