

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-15 10:35:19

Date of Next Testing: 2025-05-14 10:35:19

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

CAS Number: 108273-88-7

Specifications & Purity: $\geq 99\%$

Lot #: D23081344

SKU #: **N130496**

Version: **0**

Analysis #: **171946**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.00000 %
Hydrogen by Elemental Analysis	10.2-10.7 (%)	10.32000 %
Nitrogen by Elemental Analysis	2.4-2.8 (%)	2.55000 %
Carbon by Elemental Analysis	59.5-60.5 (%)	60.18000 %
Oxygen by Elemental Analysis	20.4-21 (%)	20.67000 %
Phosphorus by Elemental Analysis	5.5-6 (%)	5.66000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager