

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-02 16:31:20

Date of Next Testing: 2023-09-02 16:31:20

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

CAS Number: 27869-47-2

Specifications & Purity: $\geq 99\%$

Lot #: H2229300

SKU #: **D130414**

Version: **0**

Analysis #: **119108**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.40000 %
Oxygen by Elemental Analysis	21.1-21.8 (%)	21.28000 %
Carbon by Elemental Analysis	59.9-60.9 (%)	60.16000 %
Phosphorus by Elemental Analysis	5-5.4 (%)	5.22000 %
Hydrogen by Elemental Analysis	9.9-10.4 (%)	10.21000 %
Nitrogen by Elemental Analysis	2.1-2.6 (%)	2.44000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager