

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-07 10:56:25

Date of Next Testing: 2023-09-07 10:56:25

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

CAS Number: 71242-28-9

Specifications & Purity: $\geq 99\%$

Lot #: I2202534

SKU # **D130419**

Version **0**

Analysis #: **119098**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus by Elemental Analysis	4.5-5 (%)	4.80000 %
Hydrogen by Elemental Analysis	10.2-10.8 (%)	10.44000 %
Carbon by Elemental Analysis	62-63 (%)	62.20000 %
Oxygen by Elemental Analysis	19.3-19.9 (%)	19.31000 %
Nitrogen by Elemental Analysis	1.9-2.4 (%)	2.13000 %
Purity(HPLC)	98-100 (%)	99.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager