

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-16 17:00:54

Date of Next Testing: 2025-10-15 17:00:54

Product Name: **1,2-dipalmitoyl-d62-sn-glycero-3-phosphocholine**

CAS Number: 25582-63-2

Specifications & Purity: $\geq 99\%$

Lot #: E1807014

SKU #: **D130570**

Version: **0**

Analysis #: **285897**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	15.7-16.3 (%)	16.13000 %
Phosphorus by Elemental Analysis	3.77-4.01 (%)	3.95000 %
Nitrogen by Elemental Analysis	1.69-1.81 (%)	1.72000 %
Deuterium by Elemental Analysis	15.3-15.9 (%)	15.46200 %
Hydrogen by Elemental Analysis	2.19-2.33 (%)	2.30000 %
Purity(HPLC)	> 99 (%)	99.10000 %
Carbon by Elemental Analysis	59.5-60.5 (%)	60.24000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager