

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-02 14:04:41
 Date of Next Testing: 2025-08-01 14:04:41
 Product Name: **1,2-dipalmitoyl-d62-sn-glycero-3-phosphocholine**
 CAS Number: 25582-63-2
 Specifications & Purity: $\geq 99\%$
 Lot #: G2318725
 SKU #: **D130570**
 Version: **0**
 Analysis #: **245406**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	> 99 (%)	99.20000 %
Oxygen by Elemental Analysis	15.7-16.3 (%)	16.00000 %
Phosphorus by Elemental Analysis	3.7-4.1 (%)	3.87000 %
Deuterium by Elemental Analysis	15.3-15.9 (%)	15.47000 %
Hydrogen by Elemental Analysis	2.1-2.5 (%)	2.23000 %
Carbon by Elemental Analysis	59.5-60.5 (%)	60.21000 %
Nitrogen by Elemental Analysis	1.69-1.81 (%)	1.73000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager