

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 16:05:31
 Date of Next Testing: 2026-09-23 16:05:31
 Product Name: **1-stearoyl-2-palmitoyl-sn-glycero-3-phosphocholine (18:0-16:0 PC)**
 CAS Number: 59403-53-1
 Specifications & Purity: $\geq 99\%$
 Lot #: I2517536
 SKU #: **S130455**
 Version: **0**
 Analysis #: **562170**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	16.4-17 (%)	16.81 %
Hydrogen by Elemental Analysis	10.8-11.3 (%)	11.15 %
Carbon by Elemental Analysis	65.3-66.4 (%)	66.14 %
Nitrogen by Elemental Analysis	1.6-2 (%)	1.79 %
Phosphorus by Elemental Analysis	3.8-4.3 (%)	3.98 %
Purity(HPLC)	99-100 (%)	99.14000 %
Char	Negative	Negative
Iodide (I,TLC)	One spot	One spot
Ninhydrin	Negative	Negative
Phosphorus (P)	Positive	Positive
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager