

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-12 14:00:00
 Date of Next Testing: 2023-12-12 14:00:00
 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 #: K1724150
 SKU #: **S130455**
 Version: **0**
 Analysis #: **166384**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	1.6-2 (%)	1.63000 %
Phosphorus by Elemental Analysis	3.8-4.3 (%)	3.85000 %
Purity(HPLC)	98-100 (%)	99.15800 %
Oxygen by Elemental Analysis	16.4-17 (%)	16.70000 %
Hydrogen by Elemental Analysis	10.8-11.3 (%)	10.86000 %
Carbon by Elemental Analysis	65.3-66.4 (%)	65.80000 %
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