

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-09 10:41:14
 Date of Next Testing: 2022-11-07 10:41:14
 Product Name: **1-palmitoyl-2-linoleoyl-sn-glycero-3-phosphocholine**
 CAS Number: 159701-21-0
 Specifications & Purity: $\geq 99\%$
 Lot #: G2213192
 SKU #: **P130453**
 Version: **0**
 Analysis #: **101851**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus by Elemental Analysis	3.8-4.3 (%)	4.10000 %
Nitrogen by Elemental Analysis	1.6-2.1 (%)	1.61000 %
Hydrogen by Elemental Analysis	10.3-10.8 (%)	10.31000 %
Oxygen by Elemental Analysis	16.5-17.1 (%)	16.51000 %
Carbon by Elemental Analysis	65.7-66.7 (%)	65.71000 %
Purity(HPLC)	99-100 (%)	99.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager