

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-09 11:22:37
 Date of Next Testing: 2023-09-09 11:22:37
 Product Name: **1,2-dinonadecanoyl-sn-glycero-3-phosphocholine**
 CAS Number: 95416-27-6
 Specifications & Purity: $\geq 99\%$
 Lot #: K2109303
 SKU #: **D130431**
 Version: **0**
 Analysis #: **132736**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	66.7-67.7 (%)	67.25000 %
Oxygen by Elemental Analysis	15.3-15.8 (%)	15.52000 %
Nitrogen by Elemental Analysis	1.5-1.9 (%)	1.80200 %
Purity(HPLC)	99-100 (%)	99.20500 %
Hydrogen by Elemental Analysis	11-11.5 (%)	11.28000 %
Phosphorus by Elemental Analysis	3.6-4 (%)	3.92500 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager