

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-23 14:34:53
 Date of Next Testing: 2022-12-20 14:34:53
 Product Name: **1-oleoyl-2-hydroxy-sn-glycero-3-phospho-L-serine (sodium salt) (18:1 LPS)**
 CAS Number: 326589-90-6
 Specifications & Purity: $\geq 99\%$
 Lot #: H2111310
 SKU #: **O130549**
 Version: **0**
 Analysis #: **104985**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.1-53 (%)	52.50000 %
Phosphorus by Elemental Analysis	5.4-5.9 (%)	5.70000 %
Purity(HPLC)	99-100 (%)	99.43500 %
Nitrogen by Elemental Analysis	2.3-2.8 (%)	2.50000 %
Hydrogen by Elemental Analysis	8-8.5 (%)	8.20000 %
Oxygen by Elemental Analysis	25.9-26.6 (%)	26.20000 %
Sodium by elemental analysis	4-4.4 (%)	4.20000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager