

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-17 10:35:02
 Date of Next Testing: 2025-08-16 10:35:02
 Product Name: **1',3'-bis[1,2-dioleoyl-sn-glycero-3-phospho]-sn-glycerol (sodium salt)**
 CAS Number: 115404-77-8
 Specifications & Purity: $\geq 99\%$
 Lot #: B2511335
 SKU #: **B130226**
 Version: **0**
 Analysis #: **454160**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Oxygen by Elemental Analysis	17.7-18.3 (%)	18.10900 %
Phosphorus by Elemental Analysis	3.9-4.3 (%)	3.98200 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.77000 %
Sodium(Na)	2.8-3.3 (%)	2.91000 %
Carbon by Elemental Analysis	63.9-65 (%)	64.49000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager