

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 11:37:10

Date of Next Testing: 2027-01-09 11:37:10

Product Name: **1,2-bis(10,12-tricosadiynoyl)-sn-glycero-3-phosphoethanolamine**

CAS Number: 144750-73-2

Specifications & Purity: $\geq 99\%$

Lot #: G2107077

SKU #: **B130230**

Version: **0**

Analysis #: **459863**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Nitrogen by Elemental Analysis	1.4-1.8 (%)	1.50000 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.70000 %
Phosphorus by Elemental Analysis	3.3-3.8 (%)	3.40000 %
Oxygen by Elemental Analysis	14.3-14.9 (%)	14.50000 %
Carbon by Elemental Analysis	69.3-70.4 (%)	70.01000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager