

Certificate of Analysis

Date of Testing: 2025-03-14 13:15:12

Date of Next Testing: 2026-03-14 13:15:12

Product Name: **1,2-diheptadecanoyl-sn-glycero-3-phosphoethanolamine**

CAS Number: 140219-78-9

Specifications & Purity: $\geq 99\%$

Lot #: F2411231

SKU #: **D130299**

Version **0**

Analysis #: **480958**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus by Elemental Analysis	4.1-4.5 (%)	4.20 %
Carbon by Elemental Analysis	64.2-65.3 (%)	65.01 %
Purity(HPLC)	98-100 (%)	99.00000 %
Nitrogen by Elemental Analysis	1.7-2.2 (%)	1.94 %
Hydrogen by Elemental Analysis	10.6-11.1 (%)	10.70 %
Oxygen by Elemental Analysis	17.4-18 (%)	17.60 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager