

## Certificate of Analysis

Date of Testing: 2024-08-08 09:17:49  
Date of Next Testing: 2025-08-08 09:17:49  
Product Name: **1-heptadecanoyl-2-hydroxy-sn-glycero-3-phosphocholine**  
CAS Number: 50930-23-9  
Specifications & Purity: >99%  
Lot #: G2424317  
SKU #: **H130494**  
Version: **0**  
Analysis #: **376947**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.30000 %
Hydrogen by Elemental Analysis	10-10.5 (%)	10.21 %
Oxygen by Elemental Analysis	21.6-22.2 (%)	21.75 %
Phosphorus by Elemental Analysis	5.8-6.3 (%)	6.03 %
Carbon by Elemental Analysis	58.1-59.1 (%)	59.08 %
Nitrogen by Elemental Analysis	2.5-3 (%)	2.88 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager