

## Certificate of Analysis

Date of Testing: 2024-09-06 14:24:37  
Date of Next Testing: 2025-09-06 14:24:37  
Product Name: **1-heptadecanoyl-2-hydroxy-sn-glycero-3-phosphocholine**  
CAS Number: 50930-23-9  
Specifications & Purity: >99%  
Lot #: C2302956  
SKU #: H130494  
Version: 0  
Analysis #: 408318  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Hydrogen by Elemental Analysis	10-10.5 (%)	10.20 %
Purity(HPLC)	99-100 (%)	99.08000 %
Oxygen by Elemental Analysis	21.6-22.2 (%)	21.89 %
Phosphorus by Elemental Analysis	5.8-6.3 (%)	6.12 %
Carbon by Elemental Analysis	58.1-59.1 (%)	58.75 %
Nitrogen by Elemental Analysis	2.5-3 (%)	2.67 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager