

Certificate of Analysis

Date of Testing: 2022-06-23 15:39:57

Date of Next Testing: 2023-06-23 15:39:57

Product Name: **1,2-dipalmitoyl-sn-glycero-3-phospho-L-serine (sodium salt)**

CAS Number: 145849-32-7

Specifications & Purity: > 98%

Lot #: H2130149

SKU #: **D130323**

Analysis: **105063**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Sodium by elemental analysis	2.8-3.2 (%)	3.10 %
Nitrogen by Elemental Analysis	1.6-2.1 (%)	1.80 %
Purity(HPLC)	98-100 (%)	98.43100 %
Oxygen by Elemental Analysis	20.7-21.3 (%)	20.90 %
Hydrogen by Elemental Analysis	9.4-9.9 (%)	9.70 %
Carbon by Elemental Analysis	59.4-60.4 (%)	59.80 %
Phosphorus by Elemental Analysis	3.8-4.3 (%)	4.10 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager