

Certificate of Analysis

Date of Testing: 2022-06-22 14:53:45

Date of Next Testing: 2022-12-19 14:53:45

Product Name: **1,2-Dioleoyl-sn-glycero-3-phospho-rac-(1-glycerol) sodium salt**

CAS Number: 67254-28-8

Specifications & Purity: >99%

Lot #: E2114111

SKU #: **D130353**

Analysis: **104398**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Sodium by elemental analysis	2.7-3.1 (%)	2.90 %
Phosphorus by Elemental Analysis	3.7-4.1 (%)	3.90 %
Carbon by Elemental Analysis	62.5-63.5 (%)	62.90 %
Oxygen by Elemental Analysis	19.7-20.3 (%)	19.90 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.90 %
Purity(HPLC)	99-100 (%)	99.34700 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager