

Certificate of Analysis

Date of Testing: 2025-02-13 10:31:12

Date of Next Testing: 2026-02-13 10:31:12

Product Name: **1-stearoyl-2-hydroxy-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)**

CAS Number: 326495-23-2

Specifications & Purity: $\geq 99\%$

Lot #: I2201615

SKU #: **S130546**

Version: **0**

Analysis #: **471543**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Sodium by elemental analysis	4.1-4.5 (%)	4.20 %
Purity(HPLC)	99-100 (%)	99.20000 %
Phosphorus by Elemental Analysis	5.5-6 (%)	5.60 %
Hydrogen by Elemental Analysis	8.8-9.3 (%)	9.00 %
Oxygen by Elemental Analysis	26.5-27.1 (%)	26.80 %
Carbon by Elemental Analysis	53.2-54.1 (%)	53.60 %
Char	Negative	Negative
Iodide (I,TLC)	One spot	One spot
Ninhydrin	Negative	Negative
Phosphorus (P)	Positive	Positive
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager