

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-19 10:57:20

Date of Next Testing: 2026-12-19 10:57:20

Product Name: **14:0 Cardiolipin (sodium salt)**

CAS Number: 63988-21-6

Specifications & Purity: $\geq 99\%$

Lot #: L2518190

SKU #: **B130227**

Version: **0**

Analysis #: **623587**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	20.7-21.4 (%)	20.80000 %
Hydrogen by Elemental Analysis	9.4-9.9 (%)	9.50000 %
Phosphorus by Elemental Analysis	4.6-5 (%)	4.70000 %
Sodium by elemental analysis	3.3-3.8 (%)	3.40000 %
Carbon by Elemental Analysis	59.9-60.9 (%)	60.10000 %
Purity(HPLC)	99-100 (%)	100.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager