

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-12 14:09:18
 Date of Next Testing: 2026-12-12 14:09:18
 Product Name: **1,2-dioleoyl-sn-glycero-3-[(N-(5-amino-1-carboxypentyl)iminodiacetic acid)succinyl] (nickel salt)**
 CAS Number: 231615-77-3
 Specifications & Purity: $\geq 99\%$
 Lot #: L2406422
 SKU #: **D130232**
 Version: **0**
 Analysis #: **434823**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nickel by Elemental Analysis	≥ 5 (%)	7.40000 %
Nitrogen by Elemental Analysis	2.4-2.9 (%)	2.52000 %
Carbon by Elemental Analysis	58.8-60.4 (%)	58.82000 %
Hydrogen by Elemental Analysis	8.5-9.1 (%)	8.56000 %
Oxygen by Elemental Analysis	22-22.9 (%)	22.31000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager