

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-22 12:00:53

Date of Next Testing: 2026-10-22 12:00:53

Product Name: **D-lactosyl- β -1,1' N-lauroyl-D-erythro-sphingosine**

CAS Number: 474943-80-1

Specifications & Purity: $\geq 99\%$

Lot #: J2521778

SKU #: **D130646**

Version: **1**

Analysis #: **579713**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.12000 %
Carbon by Elemental Analysis	61.8-62.8 (%)	62.12 %
Oxygen by Elemental Analysis	25.3-26 (%)	25.47 %
Nitrogen by Elemental Analysis	1.5-1.9 (%)	1.71 %
Hydrogen by Elemental Analysis	9.6-10.1 (%)	9.73 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager