

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-15 11:23:40

Date of Next Testing: 2022-08-14 11:23:40

Product Name: **C24:1 Ceramide (d18:1/24:1(15Z))**

CAS Number: 54164-50-0

Specifications & Purity: >99%

Lot #: J2112206

SKU #: **N130629**

Analysis: **073284**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.99000 %
Carbon by Elemental Analysis	76.9-78 (%)	77.61 %
Oxygen by Elemental Analysis	7.1-7.6 (%)	7.28 %
Hydrogen by Elemental Analysis	12.3-12.8 (%)	12.54 %
Nitrogen by Elemental Analysis	1.9-2.4 (%)	2.04 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager