

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-03 16:28:48

Date of Next Testing: 2026-03-03 16:28:48

Product Name: **C18 Dihydroceramide (d18:0/18:0)**

CAS Number: 2304-80-5

Specifications & Purity:  $\geq 99\%$

Lot #: B2525360

SKU #: **N130689**

Version **0**

**Analysis #:** **473102**

Storage Temperature: Store at -20°C

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                   | 99-100 (%)            | 100.00000 %           |
| Carbon by Elemental Analysis   | 75.2-76.3 (%)         | 76.06 %               |
| Hydrogen by Elemental Analysis | 12.6-13.2 (%)         | 12.85 %               |
| Nitrogen by Elemental Analysis | 2.2-2.7 (%)           | 2.46 %                |
| Oxygen by Elemental Analysis   | 8.2-8.7 (%)           | 8.45 %                |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager