

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-17 14:57:34

Date of Next Testing: 2027-09-17 14:57:34

Product Name: **C22 Ceramide (d18:1/22:0)**

CAS Number: 27888-44-4

Specifications & Purity:  $\geq 99\%$

Lot #: L2307691

SKU #: **N130612**

Version: **0**

**Analysis #:** **572981**

Storage Temperature: Store at -20°C

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                   | 99-100 (%)            | 99.99800 %            |
| Hydrogen by Elemental Analysis | 12.5-13 (%)           | 12.69 %               |
| Carbon by Elemental Analysis   | 76.3-77.4 (%)         | 77.16 %               |
| Nitrogen by Elemental Analysis | 2-2.5 (%)             | 2.25 %                |
| Oxygen by Elemental Analysis   | 7.4-7.9 (%)           | 7.71 %                |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |



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QA & QC Manager