

## Certificate of Analysis

Date of Testing: 2024-03-05 16:16:55

Date of Next Testing: 2024-09-01 16:16:55

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

CAS Number: 54164-50-0

Specifications & Purity: >99%

Lot #: A2125428

SKU #: **N130629**

**Analysis:** **326188**

Storage Temperature: Store at -20°C

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                   | 99-100 (%)            | 99.20000 %            |
| Carbon by Elemental Analysis   | 76.9-78 (%)           | 77.50 %               |
| Oxygen by Elemental Analysis   | 7.1-7.6 (%)           | 7.34 %                |
| Hydrogen by Elemental Analysis | 12.3-12.8 (%)         | 12.50 %               |
| Nitrogen by Elemental Analysis | 1.9-2.4 (%)           | 2.10 %                |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |



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