

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-08 13:32:37

Date of Next Testing: 2025-04-08 13:32:37

Product Name: **Sphingomyelin**

CAS Number: 383907-87-7

Specifications & Purity:  $\geq 99\%$ , Originating from eggs and chicken

Lot #: F2330659

SKU #: **S130559**

Version: **1**

Analysis #: **340058**

Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis     | 64.8-66.3 (%)         | 65.20000 %            |
| Hydrogen by Elemental Analysis   | 10.5-11.5 (%)         | 11.00000 %            |
| Purity(HPLC)                     | 99-100 (%)            | 99.20000 %            |
| Phosphorus by Elemental Analysis | 4-4.9 (%)             | 4.10000 %             |
| Oxygen                           | 13-13.9 (%)           | 13.30000 %            |
| Nitrogen by Elemental Analysis   | 3.4-4.5 (%)           | 3.70000 %             |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |



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QA & QC Manager