

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-19 15:21:37

Date of Next Testing: 2026-08-19 15:21:37

Product Name: **Sphingomyelin (Milk, Bovine)**

CAS Number: 475662-40-9

Specifications & Purity:  $\geq 99\%$

Lot #: K2404660

SKU #: **S130561**

Version: **0**

**Analysis #:** **556323**

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

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                     | 99-100 (%)            | 99.12000 %            |
| Oxygen by Elemental Analysis     | 11.9-12.4 (%)         | 11.92000 %            |
| Nitrogen by Elemental Analysis   | 3.3-3.8 (%)           | 3.60000 %             |
| Hydrogen by Elemental Analysis   | 11.5-12 (%)           | 11.82000 %            |
| Carbon by Elemental Analysis     | 69.4-70.5 (%)         | 70.10000 %            |
| Phosphorus by Elemental Analysis | 3.7-4.1 (%)           | 3.78000 %             |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager