

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-28 15:41:17

Date of Next Testing: 2023-02-28 15:41:17

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

CAS Number: 475662-40-9

Specifications & Purity: $\geq 99\%$

Lot #: B2224490

SKU #: **S130561**

Version: **0**

Analysis #: **072031**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.52000 %
Oxygen by Elemental Analysis	11.9-12.4 (%)	12.03000 %
Nitrogen by Elemental Analysis	3.3-3.8 (%)	3.55000 %
Hydrogen by Elemental Analysis	11.5-12 (%)	11.75000 %
Carbon by Elemental Analysis	69.4-70.5 (%)	70.10000 %
Phosphorus by Elemental Analysis	3.7-4.1 (%)	3.90000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager