

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-18 15:39:36

Date of Next Testing: 2023-01-18 15:39:36

Product Name: **Sphingomyelin**

CAS Number: 383907-87-7

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

Lot #: B2108131

SKU #: **S130559**

Version: **1**

Analysis #: **067593**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	64.8-66.3 (%)	65.26000 %
Hydrogen by Elemental Analysis	10.5-11.5 (%)	10.89000 %
Purity(HPLC)	98-100 (%)	99.10000 %
Phosphorus by Elemental Analysis	4-4.9 (%)	4.56000 %
Oxygen	13-13.9 (%)	13.66000 %
Nitrogen by Elemental Analysis	3.4-4.5 (%)	4.21000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager