

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-23 10:12:29
 Date of Next Testing: 2026-08-23 10:12:29
 Product Name: **Sphingomyelin (Brain, Porcine)**
 CAS Number: 383907-91-3
 Specifications & Purity: $\geq 99\%$
 Lot #: K2212371
 SKU #: **S130560**
 Version: **0**
 Analysis #: **403330**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Phosphorus by Elemental Analysis	3.8-4.3 (%)	4.05100 %
Oxygen by Elemental Analysis	12.3-12.8 (%)	12.56200 %
Hydrogen by Elemental Analysis	10.6-11.1 (%)	10.86100 %
Nitrogen by Elemental Analysis	3.4-3.9 (%)	3.66200 %
Carbon by Elemental Analysis	63.9-64.9 (%)	64.39200 %
Purity(HPLC)	99-100 (%)	99.48000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager