

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-03-17 09:02:42

Date of Next Testing: 2026-03-16 09:02:42

Product Name: **3-Bromo-4-fluorobenzenesulfonyl chloride**

CAS Number: 631912-19-1

Specifications & Purity:  $\geq 98\%$

Lot #: C23111234

SKU #: **B185687**

Version: **1**

Analysis #: **175962**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter             | Limit Values                                              | Result                                                    |
|-----------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Purity(GC)            | 98-100 (%)                                                | 98.05600 %                                                |
| Fluorine NMR Spectrum | Conforms to structure                                     | Conforms to Structure                                     |
| NMR Spectrum 1H       | conforms to structure                                     | Conforms to Structure                                     |
| Appearance(B185687)   | White to yellow solid or Colorless to light yellow liquid | White to yellow solid or Colorless to light yellow liquid |



John Su  
QA & QC Manager