

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-12 13:11:51

Date of Next Testing: 2026-08-11 13:11:51

Product Name: **3-Cyano-5-fluorobenzene-1-sulfonyl chloride**

CAS Number: 1261644-49-8

Specifications & Purity: 95%

Lot #: H2304612

SKU #: **C586849**

**Analysis:** **253427**

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

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(GC)               | 95-100 (%)            | 98.40 %               |
| Fluorine NMR Spectrum    | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |
| GC-MS for identification | Conforms              | Conforms              |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager