

## Certificate of Analysis

Date of Testing: 2023-04-20 10:44:42

Date of Next Testing: 2027-04-19 10:44:42

Product Name: **5-Bromo-3-chloro-2-fluorobenzonitrile**

CAS Number: 1000577-76-3

Specifications & Purity: 97%

Lot #: D2312418

SKU #: **B578668**

**Analysis:** **192699**

Storage Temperature: Store at 2-8°C

| Parameter           | Limit Values                       | Result                             |
|---------------------|------------------------------------|------------------------------------|
| Purity(GC)          | 97-100 (%)                         | 99.35 %                            |
| Appearance(B578668) | White to Off-white to Yellow Solid | White to off-white to yellow solid |
| NMR Spectrum 1H     | Conforms to Structure              | Conforms to Structure              |
| FNMR spectrum       | Conforms to structure              | Conforms to Structure              |

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

John Su  
QA & QC Manager