

## Certificate of Analysis

Date of Testing: 2023-07-21 09:30:17

Date of Next Testing: 2027-07-20 09:30:17

Product Name: **3-Fluoro-5-(trifluoromethyl)benzoic acid**

CAS Number: 161622-05-5

Specifications & Purity:  $\geq 98.0\%$

Lot #: G2313649

SKU #: **F124482**

Analysis: **216600**

| Parameter            | Limit Values                             | Result                                   |
|----------------------|------------------------------------------|------------------------------------------|
| Melting point        | 102-106 (°C)                             | 105.93000 °C                             |
| Purity(GC)           | 98-100 (%)                               | 98.70 %                                  |
| Appearance (F124482) | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Infrared spectrum    | Conforms to Structure                    | Conforms to Structure                    |
| Proton NMR spectrum  | Conforms to Structure                    | Conforms to Structure                    |

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

John Su  
QA & QC Manager