

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-16 10:09:44

Date of Next Testing: 2027-06-15 10:09:44

Product Name: **5-(4-Fluorophenyl)thiophene-2-carboxylic Acid**

CAS Number: 115933-30-7

Specifications & Purity: 98%

Lot #: F2308511

SKU #: **F156680**

Analysis: **242395**

| Parameter           | Limit Values                               | Result                                     |
|---------------------|--------------------------------------------|--------------------------------------------|
| Purity(HPLC)        | 98-100 (%)                                 | 99.64100 %                                 |
| Melting point       | 248-254 (°C)                               | 252.02000 °C                               |
| Proton NMR spectrum | Conforms to Structure                      | Conforms to Structure                      |
| Appearance(F156680) | White to Orange to Green powder to crystal | White to Orange to Green powder to crystal |

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

John Su  
QA & QC Manager