

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-30 10:02:46  
Date of Next Testing: 2027-07-30 10:02:46  
Product Name: **5-fluorothiophene-2-carboxylic acid**  
CAS Number: 4377-58-6  
Specifications & Purity: 97%  
Lot #: G2418300  
SKU #: **F176488**  
Version: **1**  
Analysis #: **343751**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.80%
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager