

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-03 11:17:15

Date of Next Testing: 2026-12-02 11:17:15

Product Name: **3-Fluoro-2-thiophenecarboxylic Acid**

CAS Number: 32431-84-8

Specifications & Purity: $\geq 98\%$

Lot #: K2225476

SKU #: **F156771**

Version: **1**

Analysis #: **129253**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	174-180 (°C)	174.57000 °C
Purity(GC)	98-100 (%)	98.63600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(F156771)	White to almost white powder to crystal	White to Almost white powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager