

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-16 14:17:11

Date of Next Testing: 2026-10-15 14:17:11

Product Name: **3-(Trifluoromethyl)pyrazole-4-carboxylic acid**

CAS Number: 543739-84-0

Specifications & Purity: $\geq 97\%$

Lot #: J2311181

SKU #: **T138968**

Analysis: **278862**

Parameter	Limit Values	Result
Melting point	248-253 (°C)	252.74000 °C
Purity(HPLC)	97-100 (%)	98.93700 %
Appearance (T138968)	White to pale yellow to pale brown powder,crystals	White to pale yellow to pale brown powder,crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager