

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 13:32:59

Date of Next Testing: 2026-07-12 13:32:59

Product Name: 7-(Trifluoromethyl)-1,2,3,4-tetrahydroisoquinoline hydrochloride

CAS Number: 220247-87-0

Specifications & Purity: 97%

Lot #: I2021070

SKU # T192105

Analysis: 251225

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)        | 100.06 %              |
| Fluorine NMR 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