

Certificate of Analysis

Date of Testing: 2023-07-13 13:32:11

Date of Next Testing: 2026-07-12 13:32:11

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

CAS Number: 220247-87-0

Specifications & Purity: 97%

Lot #: I2021069

SKU # T192105

Analysis: 251221

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	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