

Certificate of Analysis

Date of Testing: 2025-02-27 16:18:17

Date of Next Testing: 2028-02-27 16:18:17

Product Name: **2-Chlorothiophene-3-boronic acid(contains varying amounts of Anhydride)**

CAS Number: 177734-82-6

Specifications & Purity: $\geq 98\%$

Lot #: B2520262

SKU #: **C182175**

Version: **1**

Analysis #: **413532**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-102.5 (%)	100.84 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(C182175)	White to off-white Solid	White to off-white solid
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager