

Certificate of Analysis

Date of Testing: 2025-05-24 15:08:38

Date of Next Testing: 2028-05-23 15:08:38

Product Name: 4-(Trifluoromethyl)-1-cyclohexene-1-boronic acid pinacol ester

CAS Number: 683242-93-5

Specifications & Purity: $\geq 97\%$

Lot #: E2516780

SKU #: T634366

Version: 1

Analysis #: 421244

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.52500 %
Appearance(T634366)	White to off-white (Solid)	White to off-white (Solid)
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager