

Certificate of Analysis

Date of Testing: 2025-05-24 15:00:51
 Date of Next Testing: 2028-05-23 15:00:51
 Product Name: 4-(Trifluoromethyl)-1-cyclohexene-1-boronic acid pinacol ester
 CAS Number: 683242-93-5
 Specifications & Purity: $\geq 97\%$
 Lot #: E2516781
 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