

Certificate of Analysis

Date of Testing: 2023-06-09 14:00:37

Date of Next Testing: 2027-06-08 14:00:37

Product Name: **Cyclopropylboronic acid pinacol ester**

CAS Number: 126689-01-8

Specifications & Purity: $\geq 96\%$

Lot #: F2302604

SKU #: **C120277**

Version: **0**

Analysis #: **219038**

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

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	99.35 %
Purity (Titration by NaOH)	95.5-101.5 (%)	98.96 %
Density (20°C)	0.929-0.933	0.93
Refractive index n ₂₀ /D	1.433-1.437	1.43
Appearance (C120277)	colorless to brown liquid	colorless to brown liquid
Boron NMR Spectra	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager