

## Certificate of Analysis

Date of Testing: 2023-05-08 15:36:06

Date of Next Testing: 2027-05-07 15:36:06

Product Name: 4-(Trifluoromethyl)phenylboronic Acid (contains varying amounts of Anhydride)

CAS Number: 128796-39-4

Specifications & Purity: 98%

Lot #: I1517022

SKU #: T113621

Analysis: 219379

| Parameter            | Limit Values                          | Result                                |
|----------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)         | 98-100 (%)                            | 98.44200 %                            |
| Appearance (T113621) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum    | Conforms to Structure                 | Conforms to Structure                 |
| Proton NMR spectrum  | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager