

## Certificate of Analysis

Date of Testing: 2024-05-13 15:29:49

Date of Next Testing: 2027-05-13 15:29:49

Product Name: 4-(Morpholine-4-carbonyl)phenylboronic acid, pinacol ester

CAS Number: 656239-38-2

Specifications & Purity:  $\geq 97\%$

Lot #: H2106143

SKU #: M185851

Version: 0

Analysis #: 354064

Storage Temperature: Room temperature

| Parameter            | Limit Values                                 | Result                                       |
|----------------------|----------------------------------------------|----------------------------------------------|
| Melting point        | 184-193 (°C)                                 | 190.28000 °C                                 |
| Purity(HPLC)         | 97-100 (%)                                   | 99.67600 %                                   |
| Appearance (M185851) | White to Off-White to Tan Powder or Crystals | White to Off-White to Tan Powder or Crystals |
| Proton NMR spectrum  | Conforms to Structure                        | Conforms to Structure                        |



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