

## Certificate of Analysis

Date of Testing: 2023-03-29 16:21:51  
 Date of Next Testing: 2027-03-28 16:21:51  
 Product Name: **2-Chloro-4-fluorophenylboronic acid**  
 CAS Number: 313545-72-1  
 Specifications & Purity: 98%  
 Lot #: C2320569  
 SKU #: **C101924**  
 Analysis: **207932**

| Parameter            | Limit Values             | Result                   |
|----------------------|--------------------------|--------------------------|
| Melting point        | 228-230 (°C)             | 228.01000 °C             |
| Purity(HPLC)         | 98-100 (%)               | 98.23300 %               |
| Appearance (C101924) | white crystalline powder | white crystalline powder |
| Infrared spectrum    | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager