

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-08 18:01:54  
 Date of Next Testing: 2027-03-07 18:01:54  
 Product Name: **3-Chlorophenylboronic acid (contains varying amounts of Anhydride)**  
 CAS Number: 63503-60-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2303290  
 SKU #: **C396113**  
 Version: **1**  
 Analysis #: **169366**  
 Storage Temperature: Room temperature

| Parameter           | Limit Values                                                    | Result                                                          |
|---------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Purity(HPLC area)   | 98-100 (%)                                                      | 98.99100 %                                                      |
| Melting point       | 176-187 (°C)                                                    | 186.38000 °C                                                    |
| NMR Spectrum 1H     | Conforms to Structure                                           | Conforms to Structure                                           |
| Appearance(C396113) | White to Almost white to Tan to Red powder to crystal to chunks | White to Almost white to Tan to Red powder to crystal to chunks |



John Su  
QA & QC Manager