

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-21 14:03:32

Date of Next Testing: 2027-11-20 14:03:32

Product Name: **4-Aminocarbonylphenylboronic acid(contains varying amounts of Anhydride)**

CAS Number: 123088-59-5

Specifications & Purity:  $\geq 98\%$

Lot #: K2315176

SKU #: **A101991**

Version: **1**

**Analysis #:** **289923**

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

| Parameter                  | Limit Values                                                   | Result                                                         |
|----------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Melting point              | 230-240 (°C)                                                   | 239.03000 °C                                                   |
| Purity (Titration by NaOH) | 97.5-102.5 (%)                                                 | 99.50000 %                                                     |
| Purity(HPLC)               | 98-100 (%)                                                     | 99.53500 %                                                     |
| Appearance (A101991)       | White to Light yellow to Light orange to Tan powder to crystal | White to Light yellow to Light orange to Tan powder to crystal |
| Proton NMR spectrum        | Conforms to Structure                                          | Conforms to Structure                                          |



John Su  
QA & QC Manager