

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-19 09:12:50  
 Date of Next Testing: 2027-12-18 09:12:50  
 Product Name: **trans-2-Chloromethylvinylboronic acid (contains varying amounts of Anhydride)**  
 CAS Number: 215951-86-3  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: C2006138  
 SKU #: **I168619**  
 Version: **0**  
 Analysis #: **305864**  
 Storage Temperature: Room temperature

| Parameter                  | Limit Values                                    | Result                                          |
|----------------------------|-------------------------------------------------|-------------------------------------------------|
| Melting point              | 110-113 (°C)                                    | 112.10000 °C                                    |
| Purity (Titration by NaOH) | 94.5-105.5 (%)                                  | 97.10000 %                                      |
| Appearance (I168619)       | white to yellow powder, crystals, and/or chunks | white to yellow powder, crystals, and/or chunks |
| Proton NMR spectrum        | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager