

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-07 17:39:19  
 Date of Next Testing: 2028-08-06 17:39:19  
 Product Name: **Chloroacetic acid(CAA)**  
 CAS Number: 79-11-8  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: G2531273  
 SKU #: **C485697**  
 Version: **2**  
 Analysis #: **532878**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                                                                                           | Result                                                                                                 |
|----------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Purity(Neutralization titration) | 98.5-101.5 (%)                                                                                         | 99.59000 %                                                                                             |
| Purity(HPLC area)                | 99-100 (%)                                                                                             | 99.09500 %                                                                                             |
| Appearance(C485697)              | Colorless to White to Almost white to Light Yellow Powder or Flake or Crystals or Crystalline Chunk(s) | Colorless to White to Almost white to Light Yellow Powder or Flake or Crystals or Crystalline Chunk(s) |
| NMR Spectrum 1H                  | Conforms to structure                                                                                  | Conforms to Structure                                                                                  |



John Su  
QA & QC Manager