

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-13 11:51:10  
 Date of Next Testing: 2029-05-12 11:51:10  
 Product Name: **Crystal violet**  
 CAS Number: 548-62-9  
 Specifications & Purity: AR, ≥90%  
 Lot #: E2509169  
 SKU #: **C110703**  
 Version: **0**  
 Analysis #: **503681**  
 Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

| Parameter                                                      | Limit Values                      | Result                            |
|----------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Purity                                                         | 90-100 (%)                        | 97.27400 %                        |
| Ethanol insoluble matter                                       | 0-20 (%)                          | 0.00000 %                         |
| Absorbance(2mg/L, 588.0 to 592.0 nm)(calcd. on dried substance | ≥0.3                              | 1.07100                           |
| Ignition Residue (as sulfate)                                  | 0-2 (%)                           | 0.63566 %                         |
| Loss on drying                                                 | 0-6 (%)                           | 2.22482 %                         |
| Appearance (C110703)                                           | Green to brown powder or crystals | Green to brown powder or crystals |
| Sensitiveness test                                             | pass                              | Pass                              |
| Solubility, Dark Purple, c = 1mg/ml, H <sub>2</sub> O          | pass                              | Pass                              |



John Su  
QA & QC Manager