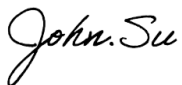


ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-02 11:24:49  
Date of Next Testing: 2026-12-01 11:24:49  
Product Name: **Crystal violet**  
CAS Number: 548-62-9  
Specifications & Purity: AR, ≥90%  
Lot #: K2229363  
SKU #: **C110703**  
Version: **0**  
Analysis #: **162306**  
Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity	90-100 (%)	94.65200 %
Ethanol insoluble matter	0-20 (%)	8.00000 %
Absorbance(2mg/L,588.0 to 592.0 nm)(calcd.on dried substance	0-0.3	0.10600
Ignition Residue (as sulfate)	0-0.05 (%)	0.02200 %
Loss on drying	0-10 (%)	3.09137 %
Appearance (C110703)	Green to brown powder or crystals	Green to brown powder or crystals
Sensitiveness test	pass	Pass
Solubility,Dark Purple ,c = 1mg/ml, H2O	pass	Pass



John Su  
QA & QC Manager