

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Crystal violet,AR, 90.0%

ITEM NUMBER: C110703  
BRAND: Aladdin  
CAS NUMBER: 548-62-9  
MDL NUMBER: MFCD00011750  
FORMULA: C<sub>25</sub>H<sub>30</sub>N<sub>3</sub>Cl  
MOLECULAR WEIGHT: 407.98

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Absorbance(2mg/L,588.0 to 592.0 nm)(calcd.on dried substance)			>=0.3
Appearance	Green to brown powder or crystals		
Ethanol insoluble matter	0 %	0 %	<=20 %
Ignition residue (as sulfate)	0 %	0.05 %	0.05 %
Loss on drying	0 %	10 %	10 %
Purity	90 %	100 %	100 %
Sensitiveness test	pass		
Solubility	Dark Purple ,c = 1mg/ml, H <sub>2</sub> O		