



## **CERTIFICATE OF ANALYSIS**

**Date:** 20/03/16

**PRODUCT NAME :** CRYSTAL VIOLET FOR MICROSCOPY

**CAS No** : 548 -62-9  
**Mol. Formula** :  $C_{25}H_{30}ClN_3$   
**Mol. WT** : 407.99  
**Exp.** : Feb. 2021

**Product code** : 31480  
**Batch No** : MCR-11415  
**Mfd.** : March 2016

| S. R | Test                                                                        | Specification             | Observation               |
|------|-----------------------------------------------------------------------------|---------------------------|---------------------------|
| 1    | Absorption maxima(water)                                                    | 589-594 nm                | 589 nm                    |
| 2    | Specific Absorptivity<br>A 1%/1cm; $\lambda_{max}$ ;<br>( 0.0002% in water) | 2000-2450                 | 2030                      |
| 3    | Transition interval from<br>pH 0.1 – 2.0                                    | Greenish yellow to violet | Greenish yellow to violet |
| 4    | Loss on drying (105 <sup>0</sup> c)                                         | 5% max                    | 1.4%                      |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE**  
(G.G.Salian)

**Note:** Computer generated image requires no sign.

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