



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : METHYLENE BLUE FOR MICROSCOPY**

|                      |  |                     |                     |
|----------------------|--|---------------------|---------------------|
| <b>CAS No</b>        | <b>: 61-73-4</b>   | <b>Product code</b> | <b>: 31920</b>      |
| <b>Mol. Formula</b>  | <b>: C<sub>16</sub>H<sub>18</sub>ClN<sub>3</sub>SxH<sub>2</sub>O</b> | <b>Batch No</b>     | <b>: MCR-17160</b>  |
| <b>Mol. WT</b>       | <b>: 319.859(anhyd.)</b>   | <b>Mfd.</b>         | <b>: Oct .2018</b>  |
| <b>Date Analysis</b> | <b>: 22/10/18</b>  | <b>Exp.</b>         | <b>: Sept. 2023</b> |

| S. R | Test   | Specification                  | Observation  |
|------|--|--------------------------------|--------------|
| 1    | <b>Description</b>   | Green to blackish green powder | Green powder |
| 2    | <b>Specific Absorptivity A 1%/1cm <math>\lambda_{max}</math> at 660-667 nm</b> | NLT 1800                       | 2455.45      |
| 3    | <b>Loss on drying(110<sup>0</sup>C)</b>  | 10-15%                         | 10.35%       |

**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.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**