



## **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-28050</b>  |
| <b>Mol. WT</b>          | <b>: 319.859 (anhyd.)</b>                                            | <b>Mfd.</b>         | <b>: April 2023</b> |
| <b>Date of analysis</b> | <b>: 08/04/23</b>                                                    | <b>Exp.</b>         | <b>: March 2028</b> |

| S.R | Test                                                             | Specification                        | Observation        |
|-----|------------------------------------------------------------------|--------------------------------------|--------------------|
| 1   | Description                                                      | Blackish green to dark green powder. | Dark green powder. |
| 2   | Specific Absorptivity A<br>1%/1cm λ <sub>max</sub> at 660-667 nm | NLT 1800                             | 2188.87            |
| 3   | Loss on drying(110 <sup>0</sup> C)                               | 10-15%                               | 11.69%             |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Sonu)**

**HEAD-QUALITY ASSURANCE**  
**(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**