

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MALACHITE GREEN FOR MICROSCOPY**

|                         |  |                     |                    |
|-------------------------|--|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 2437-29-8</b>   | <b>Product code</b> | <b>: 31900</b>     |
| <b>Mol. Formula</b>     | <b>: C<sub>52</sub>H<sub>54</sub>N<sub>4</sub>O<sub>12</sub></b> | <b>Batch No</b>     | <b>: MCR-31239</b> |
| <b>Mol. WT</b>          | <b>: 927.00</b>  | <b>Mfd.</b>         | <b>: June 2024</b> |
| <b>Date of analysis</b> | <b>: 15/06/24</b>  | <b>Exp.</b>         | <b>: May 2029</b>  |

| S.R | Test  | Specification                                   | Observation                                     |
|-----|---|---|---|
| 1   | <b>Description</b>                                  | Bright green coloured metallic lustrous powder. | Bright green coloured metallic lustrous powder. |
| 2   | <b>Absorption maxima</b>                            | 616 - 620 nm                                    | 617.00nm  |
| 3   | <b>Absorptivity A at <math>\lambda_{max}</math></b> | 1450 min  | 1554.32   |
| 4   | <b>Loss on drying (60<sup>0</sup>c)</b>             | 7% max  | 1.67%   |

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

**[Tested By]**



**CHEMIST  
(Asmita)**

**[QC Incharge]**



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.