

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MALACHITE GREEN FOR MICROSCOPY**

|                  |  |              |             |
|------------------|--|--------------|-------------|
| CAS No           | : 2437-29-8  | Product code | : 31900     |
| Mol. Formula     | : C <sub>52</sub> H <sub>54</sub> N <sub>4</sub> O <sub>12</sub> | Batch No     | : MCR-32535 |
| Mol. WT          | : 927.00   | Mfd.         | : Dec. 2024 |
| Date of analysis | : 06/12/24   | Exp.         | : Nov. 2029 |

| 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                                    | 617.50nm  |
| 3   | <b>Absorptivity A at λ<sub>max</sub></b> | 1450 min  | 1512.14   |
| 4   | <b>Loss on drying (60<sup>0</sup>c)</b>  | 7% max  | 3.15%   |

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

**[Tested By]**



**CHEMIST  
(Sayli)**

**[QC Incharge]**



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

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