# CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MALACHITE GREEN FOR MICROSCOPY**

| | | | |
|---|---|---|---|
| **CAS No** | **: 2437-29-8** | **Product code** | **: 31900** |
| **Mol. Formula** | **: $C_{52}H_{54}N_4O_{12}$** | **Batch No** | **: MCR-25083** |
| **Mol. WT** | **: 927.00** | **Mfd.** | **: Feb. 2022** |
| **Date of analysis** | **: 20/02/22** | **Exp.** | **: Jan. 2027** |

| S. R | Test | Specification | Observation |
|---|---|---|---|
| 1 | **Description** | Bright green coloured metallic lustrous powder. | Bright green coloured metallic lustrous powder. |
| 2 | **Absorption maxima** | 616 - 620 nm | 616.8nm |
| 3 | **Absorptivity A at λmax** | 1450 min | 1546.6 |
| 4 | **Loss on drying ($60^0$c)** | 7% max | 3.15% |

**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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