



## 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-27583</b>
<b>Mol. WT</b>	<b>: 927.00</b>	<b>Mfd.</b>	<b>: Feb. 2023</b>
<b>Date of analysis</b>	<b>: 04/02/23</b>	<b>Exp.</b>	<b>: Jan. 2028</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	617.4nm
3	<b>Absorptivity A at <math>\lambda_{max}</math></b>	1450 min	1455.5
4	<b>Loss on drying (60<sup>0</sup>c)</b>	7% max	1.44%

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

**[Tested By]**

**CHEMIST  
(Sonu)**

**[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**