



## 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-30659</b>
<b>Mol. WT</b>	<b>: 927.00</b>	<b>Mfd.</b>	<b>: March 2024</b>
<b>Date of analysis</b>	<b>: 21/03/24</b>	<b>Exp.</b>	<b>: Feb. 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	617.50nm
3	<b>Absorptivity A at <math>\lambda_{max}</math></b>	1450 min	1501.10
4	<b>Loss on drying (60<sup>0</sup>c)</b>	7% max	4.26%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

**Note:** Computer generated image requires no sign.

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