



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : RUTHENIUM RED FOR MICROSCOPY**

<b>CAS No</b>	<b>: 11103-72-3</b>	<b>Product code</b>	<b>: 17710</b>
<b>Mol. Formula</b>	<b>: Cl<sub>6</sub>H<sub>42</sub>N<sub>14</sub>O<sub>2</sub>Ru<sub>3</sub>.4H<sub>2</sub>O</b>	<b>Batch No</b>	<b>: MCR-23423</b>
<b>Mol. WT</b>	<b>: 858.42</b>	<b>Mfd.</b>	<b>: May 2021</b>
<b>Date of analysis</b>	<b>: 21/05/21</b>	<b>Exp.</b>	<b>: April 2026</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Description</b>	Brownish red or Black crystalline powder.	Black crystalline powder.
2	<b>Assay</b>	99% w/w min	99.79% w/w
3	<b>Palladium (Pd)</b>	0.005% max	< 0.005%
4	<b>Rhodium (Rh)</b>	0.005% max	< 0.005%

**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.