



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CHROMIUM TRIOXIDE AR**

<b>CAS No</b>	<b>: 1333-82-0</b>	<b>Product code</b>	<b>: 22643</b>
<b>Mol. Formula</b>	<b>: CrO<sub>3</sub></b>	<b>Batch No</b>	<b>: MCRT-27946</b>
<b>Mol. WT</b>	<b>: 99.99</b>	<b>Mfd.</b>	<b>: March 2023</b>
<b>Date of analysis</b>	<b>: 23/03/23</b>	<b>Exp.</b>	<b>: Feb. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Dark red crystals or crystalline power or almost black crystalline masses / flakes.	Dark red flakes.
2	<b>Assay (by iodometry)</b>	99.0 % min	99.74 %
3	<b>Insoluble matter</b>	0.01% max	0.005%
4	<b>Chloride</b>	0.005% max	< 0.005%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.02% max	< 0.02%
6	<b>Total nitrogen (N)</b>	0.005% max	< 0.005%
7	<b>Lead (Pb)</b>	0.004% max	< 0.004%
8	<b>Iron (Fe)</b>	0.01% max	< 0.01%
9	<b>Copper (Cu)</b>	0.0005% max	< 0.0005%
10	<b>Sodium (Na)</b>	0.01% max	< 0.01%
11	<b>Potassium (K)</b>	0.005% max	< 0.005%
12	<b>Substance precipitated by NH<sub>3</sub></b>	0.02% max	< 0.02%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

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

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

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