



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CHROMIUM TRIOXIDE AR**

**CAS No : 1333-82-0**  
**Mol. Formula : CrO<sub>3</sub>**  
**Mol. WT : 99.99**  
**Date of analysis : 09/11/23**

**Product code : 22643**  
**Batch No : MCRT-29688**  
**Mfd. : Nov. 2023**  
**Exp. : Oct. 2028**

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	99.71%
3	<b>Insoluble matter</b>	0.01% max	0.004%
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**  
**(Sonu)**

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

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

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