



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM DICHROMATE AR**

**CAS No : 7778-50-9**

**Mol. Formula : K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>**

**Mol. WT : 294.18**

**Date of analysis : 26/07/23**

**Product code : 24860**

**Batch No : MCRT-28888**

**Mfd. : July 2023**

**Exp. : June 2028**

S.R	Test	Specification	Observation
1	Description	Orange or orange-red crystals or crystalline powder.	Orange crystalline powder.
2	Assay (by iodometry)	99.9 % w/w min	99.94%
3	pH(5%aq. solution)	3.7 - 3.9	3.9
4	Water insoluble matter	0.003%max	0.001%
5	Chloride(Cl)	0.001%max	<0.001%
6	Sulphate(SO <sub>4</sub> )	0.005%max	<0.005%
7	Calcium(Ca)	0.002% max	<0.002%
8	Iron(Fe)	0.002% max	<0.002%
9	Copper(Cu)	0.001% max	<0.001%
10	Sodium(Na)	0.02% max	<0.02%
11	Loss on drying(105 <sup>0</sup> C)	0.05% max	0.04%

**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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