

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM DICHROMATE AR**

CAS No	: 7778-50-9	Product code	: 24860
Mol. Formula	: $K_2Cr_2O_7$	Batch No	: MCAR-00514
Mol. WT	: 294.18	Mfd.	: Aug. 2024
Date of analysis	: 21/08/24	Exp.	: July 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Orange or orange-red crystals or crystalline powder.	Orange crystalline powder.
2	<b>Assay (by iodometry)</b>	99.9 % w/w min	99.98%
3	<b>pH(5%aq. solution)</b>	3.7 - 3.9	3.71
4	<b>Water insoluble matter</b>	0.003%max	0.001%
5	<b>Chloride(Cl)</b>	0.001%max	<0.001%
6	<b>Sulphate(SO<sub>4</sub>)</b>	0.005%max	<0.005%
7	<b>Calcium(Ca)</b>	0.002% max	<0.002%
8	<b>Iron(Fe)</b>	0.002% max	<0.002%
9	<b>Copper(Cu)</b>	0.001% max	<0.001%
10	<b>Sodium(Na)</b>	0.02% max	<0.02%
11	<b>Loss on drying(105<sup>o</sup>C)</b>	0.05% max	0.04%

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

**[Tested By]**



**CHEMIST  
(Shruti)**

**[QC Incharge]**



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

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