CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM DICHROMATE AR

CAS No	**: 7778-50-9**	**Product code**	**: 24860**
Mol. Formula	**: $K_2Cr_2O_7$**	**Batch No**	**: MCRT-29927**
Mol. WT	**: 294.18**	**Mfd.**	**: Dec. 2023**
Date of analysis	**: 13/12/23**	**Exp.**	**: Nov. 2028**

S.R	Test	Specification	Observation
1	**Description**	Orange or orange-red crystals or crystalline powder.	Orange-red crystals.
2	**Assay (by iodometry)**	99.9 % w/w min	99.93%
3	**pH(5%aq. solution)**	3.7 - 3.9	3.8
4	**Water insoluble matter**	0.003%max	0.001%
5	**Chloride(Cl)**	0.001%max	<0.001%
6	**Sulphate(SO_4)**	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(105^0C)**	0.05% max	0.04%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Ruchi)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.