



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM PERMANGANATE AR**

**CAS No : 7722-64-7**  
**Mol. Formula :  $\text{KMnO}_4$**   
**Mol. WT : 158.03**  
**Date of analysis : 06/07/23**

**Product code : 25100**  
**Batch No. : MCRT-28708**  
**Mfd. : July 2023**  
**Exp. : June 2028**

S.R	Test	Specification	Observation
1	Description	Dark purple or black or blackish purple or Greenish black or brownish colour crystals or crystalline powder with metallic luster.	Greenish Black crystals
2	Assay (by Iodometric)	99.5 % w/w min.	99.80% w/w
3	Substance insoluble in water	0.05 % max	0.03 %
4	Chloride (Cl)	0.005% max	< 0.005%
5	Sulphate ( $\text{SO}_4$ )	0.005% max	< 0.005%
6	Total Nitrogen (N)	0.015% max	< 0.015%
7	Lead (Pb)	0.002% max	< 0.002%
8	Copper (Cu)	0.002% max	< 0.002%
9	Iron (Fe)	0.002% max	< 0.002%

**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.