



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM PERMANGANATE AR**

**CAS No : 7722-64-7**

**Mol. Formula : KMnO<sub>4</sub>**

**Mol. WT : 158.03**

**Date of analysis : 25/03/23**

**Product code : 25100**

**Batch No. : MCRT-27964**

**Mfd. : March 2023**

**Exp. : Feb. 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 crystalline powder .
2	Assay (by Iodometric)	99.5 % w/w min.	99.86% w/w
3	Substance insoluble in water	0.05 % max	0.01 %
4	Chloride (Cl)	0.005% max	< 0.005%
5	Sulphate (SO <sub>4</sub> )	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  
(Jyoti)

HEAD-QUALITY ASSURANCE  
(G.G.Salian)

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