

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM PERMANGANATE AR**

<b>CAS No</b>	: 7722-64-7	<b>Product code</b>	: 25100
<b>Mol. Formula</b>	: KMnO <sub>4</sub>	<b>Batch No.</b>	: MCRT-29713
<b>Mol. WT</b>	: 158.03	<b>Mfd.</b>	: Nov. 2023
<b>Date of analysis</b>	: 18/11/23	<b>Exp.</b>	: Oct. 2028

S.R	Test	Specification	Observation
1	<b>Description</b>	Dark purple or black or blackish purple or Greenish black or brownish colour crystals or crystalline powder with metallic luster.	Greenish Black crystalline powder with metallic luster .
2	<b>Assay (by Iodometric)</b>	99.5 % w/w min.	99.70% w/w
3	<b>Substance insoluble in water</b>	0.05 % max	0.01%
4	<b>Chloride (Cl)</b>	0.005% max	< 0.005%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.005% max	< 0.005%
6	<b>Total Nitrogen (N)</b>	0.015% max	< 0.015%
7	<b>Lead (Pb)</b>	0.002% max	< 0.002%
8	<b>Copper (Cu)</b>	0.002% max	< 0.002%
9	<b>Iron (Fe)</b>	0.002% max	< 0.002%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priyanka)**

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

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