



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MANGANESE DIOXIDE AR**

<b>CAS No</b>	<b>: 1313- 13- 9</b>	<b>Product code</b>	<b>: 23940</b>
<b>Formula</b>	<b>: MnO<sub>2</sub></b>	<b>Batch No</b>	<b>: MCR-27593</b>
<b>Mol. WT</b>	<b>: 86.94</b>	<b>Mfd.</b>	<b>: Feb. 2023</b>
<b>Date of analysis</b>	<b>: 06/02/23</b>	<b>Exp.</b>	<b>: Jan. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Black heavy powder	Black heavy powder
2	<b>Assay</b>	80 % min	80.32 %
3	<b>pH (5% water extract)</b>	4.5 - 6.5	6.46
4	<b>Free Moisture</b>	3% max	1.24 %
5	<b>Insoluble matter in HCl</b>	0.5% max	0.3%
6	<b>Iron (Fe)</b>	0.1% max	< 0.1%
7	<b>Lead (Pb)</b>	0.09% max	< 0.09%
8	<b>Copper (Cu)</b>	0.002% max	< 0.002%
9	<b>Sulphate (SO<sub>4</sub>)</b>	1.2% max	< 1.2%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Deepa)**

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

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

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