



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MANGANESE DIOXIDE AR**

**CAS No : 1313- 13- 9**

**Formula : MnO<sub>2</sub>**

**Mol. WT : 86.94**

**Date of analysis : 14/06/21**

**Product code : 23940**

**Batch No : MCR-23573**

**Mfd. : June 2021**

**Exp. : May 2026**

S. R	Test	Specification	Observation
1	<b>Description</b>	Black heavy powder	Black heavy powder
2	<b>Assay</b>	80 % min	80.40 %
3	<b>pH (5% water extract)</b>	4.5 - 6.5	6.42
4	<b>Free Moisture</b>	3% max	0.44 %
5	<b>Insoluble matter in HCl</b>	0.5% max	0.20%
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]**

**[Q.C Incharge]**

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

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

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