

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MANGANESE DIOXIDE AR**

<b>CAS No</b>	: 1313-13-9	<b>Product code</b>	: 23940
<b>Formula</b>	: MnO <sub>2</sub>	<b>Batch No</b>	: MCR-30942-01
<b>Mol. WT</b>	: 86.94	<b>Mfd.</b>	: Dec. 2024
<b>Date of analysis</b>	: 25/12/24	<b>Exp.</b>	: Nov. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Black heavy powder	Black heavy powder
2	<b>Assay</b>	80 % min	80.70 %
3	<b>pH (5% water extract)</b>	4.5 - 6.5	5.55
4	<b>Free Moisture</b>	3% max	1.56 %
5	<b>Insoluble matter in HCl</b>	0.5% max	0.1%
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]**



**CHEMIST  
(Durvas)**

**[QC Incharge]**



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.