

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MAGNESIUM SULPHATE (HEPTAHYDRATE)AR**

CAS No	: 10034-99-8	Product code	: 23900
Mol. Formula	: MgSO <sub>4</sub> .7H <sub>2</sub> O	Batch No.	: MCAR-00662
Mol. WT	: 246.48	Mfd.	: Oct. 2024
Date of analysis	: 01/10/24	Exp.	: Sept. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless or white or almost white crystals or crystalline powder.	White crystalline powder.
2	<b>Assay</b>	99.5% min	99.73%
3	<b>pH (5% water)</b>	5.0 - 8.0	5.88
4	<b>Water insoluble matter</b>	0.003 %max	0.002%
5	<b>Chloride (Cl)</b>	0.0002% max	<0.0002%
6	<b>Lead (Pb)</b>	0.0002% max	<0.0002%
7	<b>Calcium (Ca)</b>	0.005% max	<0.005%
8	<b>Iron (Fe)</b>	0.0001% max	<0.0001%
9	<b>Potassium (K)</b>	0.005% max	<0.005%
10	<b>Manganese (Mn)</b>	0.0005% max	<0.0005%
11	<b>Sodium (Na)</b>	0.005% max	<0.005%
12	<b>Nitrate (NO<sub>3</sub>)</b>	0.001 % max	<0.001 %
13	<b>Phosphate (PO<sub>4</sub>)</b>	0.0005% max	<0.0005%
14	<b>Ammonium (NH<sub>4</sub>)</b>	0.002% max	<0.002%
15	<b>Arsenic (As)</b>	0.00004% max	<0.00004%
16	<b>Copper (Cu)</b>	0.0002% max	<0.0002%
17	<b>Zinc (Zn)</b>	0.0005% max	<0.0005%

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

**[Tested By]**



**CHEMIST  
(Deepa)**

**[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., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.