

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM SULPHATE (HEPTAHYDRATE)AR

CAS No	: 10034-99-8	Product code	: 23900
Mol. Formula	: MgSO ₄ .7H ₂ O	Batch No.	: MCAR-01006
Mol. WT	: 246.48	Mfd.	: Dec. 2024
Date of analysis	: 25/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	Description	Colourless or white or almost white crystals or crystalline powder.	White crystalline powder.
2	Assay	99.5% min	99.82%
3	pH (5% water)	5.0 - 8.0	6.65
4	Water insoluble matter	0.003 %max	0.002%
5	Chloride (Cl)	0.0002% max	<0.0002%
6	Lead (Pb)	0.0002% max	<0.0002%
7	Calcium (Ca)	0.005% max	<0.005%
8	Iron (Fe)	0.0001% max	<0.0001%
9	Potassium (K)	0.005% max	<0.005%
10	Manganese (Mn)	0.0005% max	<0.0005%
11	Sodium (Na)	0.005% max	<0.005%
12	Nitrate (NO₃)	0.001 % max	<0.001 %
13	Phosphate (PO₄)	0.0005% max	<0.0005%
14	Ammonium (NH₄)	0.002% max	<0.002%
15	Arsenic (As)	0.00004% max	<0.00004%
16	Copper (Cu)	0.0002% max	<0.0002%
17	Zinc (Zn)	0.0005% max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



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

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