MOLYCHEM

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM SULPHATE (HEPTAHYDRATE)AR

CAS No	**: 10034-99-8**	**Product code**	**: 23900**
Mol. Formula	**: $MgSO_4.7H_2O$**	**Batch No.**	**: MCAR-00667**
Mol. WT	**: 246.48**	**Mfd.**	**: Oct. 2024**
Date of analysis	**: 02/10/24**	**Exp.**	**: Sept. 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	99.94%
3	**pH (5% water)**	5.0 - 8.0	5.59
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 (NO_3)**	0.001 % max	<0.001 %
13	**Phosphate (PO_4)**	0.0005% max	<0.0005%
14	**Ammonium (NH_4)**	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]

SAHadi

CHEMIST
(Sonu)

[QC Incharge]

Salian

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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