



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM SULPHATE (HEPTAHYDRATE)AR

CAS No : 10034- 99- 8 **Product code : 23900**
Mol. Formula : MgSO₄.7H₂O **Batch No. : MCRT-29255**
Mol. WT : 246.48 **Mfd. : Sept. 2023**
Date of analysis : 11/09/23 **Exp. : Aug. 2028**

| 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 | 99.86% |
| 3 | pH (5% water) | 5.0 - 8.0 | 6.18 |
| 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]

[QC Incharge]

**CHEMIST
(Asmita)**

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

Note: Computer generated image requires no sign.

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