

## CERTIFICATE OF ANALYSIS

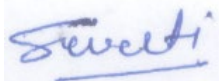
**PRODUCT NAME : MAGNESIUM SULPHATE (HEPTAHYDRATE) LR**

|                         |                                        |                     |             |
|-------------------------|----------------------------------------|---------------------|-------------|
| <b>CAS No</b>           | : 10034-99-8                           | <b>Product code</b> | : 15500     |
| <b>Mol. Formula</b>     | : MgSO <sub>4</sub> .7H <sub>2</sub> O | <b>Batch No</b>     | : MCR-31396 |
| <b>Mol. WT</b>          | : 246.48                               | <b>Mfd.</b>         | : July 2024 |
| <b>Date of analysis</b> | : 02/07/24                             | <b>Exp.</b>         | : June 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 % w/w min                                                        | 99.92% w/w               |
| 3   | <b>pH (5% water)</b> | 5.0 - 8.2                                                           | 6.48                     |
| 4   | <b>Chloride (Cl)</b> | 0.02% max                                                           | <0.02%                   |
| 5   | <b>Lead (Pb)</b>     | 0.0005% max                                                         | <0.0005%                 |
| 6   | <b>Arsenic (As)</b>  | 0.0001% max                                                         | <0.0001%                 |
| 7   | <b>Iron (Fe)</b>     | 0.001% max                                                          | <0.001%                  |
| 8   | <b>Zinc (Zn)</b>     | 0.001% max                                                          | <0.001%                  |

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

**[Tested By]**



**CHEMIST  
(Swati)**

**[QC Incharge]**



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

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