



## CERTIFICATE OF ANALYSIS

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

|                         |   |                     |                    |
|-------------------------|---|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 10034-99-8</b>                       | <b>Product code</b> | <b>: 15500</b>     |
| <b>Mol. Formula</b>     | <b>: MgSO<sub>4</sub>.7H<sub>2</sub>O</b> | <b>Batch No</b>     | <b>: MCR-22683</b> |
| <b>Mol. WT</b>          | <b>: 246.48</b>                           | <b>Mfd.</b>         | <b>: Jan. 2021</b> |
| <b>Date of Analysis</b> | <b>: 10/01/21</b>                         | <b>Exp.</b>         | <b>: Dec. 2025</b> |

| <b>S. R</b> | <b>Test</b>          | <b>Specification</b>  | <b>Observation</b>   |
|-------------|----------------------|---|----------------------|
| 1           | <b>Description</b>   | Colourless or white or almost white crystals or crystalline powder. | Colourless crystals. |
| 2           | <b>Assay</b>         | 99 % w/w min  | 99.61% w/w           |
| 3           | <b>pH (5% water)</b> | 5.0 - 8.2   | 7.35                 |
| 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]**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign.

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