



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : MAGNESIUM HYDROXIDE LR**

**CAS No : 1309- 42- 8**

**Product code : 15490**

**Mol. Formula :  $\text{Mg}(\text{OH})_2$**

**Batch No. : MCR-22478-01**

**Mol. WT : 58.53**

**Mfd. : Jan. 2023**

**Date of analysis : 23/01/23**

**Exp. : Dec. 2027**

| S. R | Test                                     | Specification                 | Observation   |
|------|------------------------------------------|-------------------------------|---------------|
| 1    | Description                              | White to almost white powder. | White powder. |
| 2    | Assay(By complexometry)                  | 95.0 - 100.5%                 | 99.93%        |
| 3    | Chloride(Cl)                             | 0.1% max                      | <0.1%         |
| 4    | Sulphate ( $\text{SO}_4$ )               | 0.1% max                      | <0.1%         |
| 5    | Heavy metals (as Pb)                     | 0.001% max                    | <0.001%       |
| 6    | Calcium (Ca)                             | 0.5% max                      | <0.5%         |
| 7    | Loss on ignition ( $800^\circ\text{C}$ ) | 30 - 32.5%                    | 31.2%         |
| 8    | Bulk density                             | about 50g/100ml               | 50g/100ml     |
| 9    | Loss on drying( $105^\circ\text{C}$ )    | 2% max                        | 0.89%         |
| 10   | Iron (Fe)                                | 0.05% max                     | <0.05%        |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priti)**

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

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

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