



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : MAGNESIUM HYDROXIDE LR**

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

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

**Mol. WT : 58.53**

**Date of analysis : 08/03/20**

**Product code : 15490**

**Batch No : MCR-21103**

**Mfd. : March 2020**

**Exp. : Feb. 2025**

| S. R | Test                                     | Specification                 | Observation   |
|------|------------------------------------------|-------------------------------|---------------|
| 1    | Description                              | White to almost white powder. | White powder. |
| 2    | Assay(By complexometry)                  | 95.0 - 100.5%                 | 98.24%        |
| 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%                    | 30.20%        |
| 8    | Bulk density                             | about 50g/100ml               | 50g/100ml     |
| 9    | Loss on drying( $105^\circ\text{C}$ )    | 2% max                        | 0.40%         |
| 10   | Iron (Fe)                                | 0.05% max                     | <0.05%        |

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

**[Tested By]**

**[Q.C Incharge]**

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

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

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**