



## **CERTIFICATE OF ANALYSIS**

Date: 20/09/14

PRODUCT NAME : MAGNESIUM HYDROXIDE EXTRA PURE

CAS No : 1309- 42- 8  
Mol. Formula :  $\text{Mg}(\text{OH})_2$   
Mol. WT : 58.53

Product code : 15490  
Batch No : MCR-8679  
Mfd. : Sept. 2014

| S. R | Test                                     | Specification   | Observation |
|------|------------------------------------------|-----------------|-------------|
| 1    | Assay(By complexometry)                  | 95.0 - 100.5%   | 98.18%      |
| 2    | Chloride(Cl)                             | 0.1% max        | <0.1%       |
| 3    | Sulphate ( $\text{SO}_4$ )               | 0.1% max        | <0.1%       |
| 4    | Heavy metals (as Pb)                     | 0.001% max      | <0.001%     |
| 5    | Calcium (Ca)                             | 0.5% max        | <0.5%       |
| 6    | Loss on ignition ( $800^\circ\text{C}$ ) | 30 - 32.5%      | 30.49%      |
| 7    | Bulk density                             | about 50g/100ml | 50g/100ml   |
| 8    | Loss on drying( $105^\circ\text{C}$ )    | 2% max          | 0.2%        |
| 9    | 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.

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