

SPECIFICATION SHEET-FINISHED PRODUCT

Material Name: Magnesium Hydroxide BP

CAS No. 1309-42-8

| Mol. Formula | Mg(OH) ₂ | Mol. Weight | 58.32 gm/mol |
|---------------------|------------------------------------|---|--------------|
| Sr. No. | Test | Specification | |
| 1 | Description* | White, fine, amorphous powder. | |
| 2 | Solubility | Practically insoluble in water. It dissolves in dilute acids. | |
| 3 | Identification | It gives reaction of Magnesium salts | |
| 4 | Arsenic | Not more than 4 ppm | |
| 5 | Heavy metals | Not more than 30 ppm | |
| 6 | Iron | Not more than 0.07 % | |
| 7 | Chloride | Not more than 0.1 % | |
| 8 | Sulfate | Not more than 0.5 % | |
| 9 | Calcium | Not more than 1.5 % | |
| 10 | Soluble substances | Not more than 20 mg | |
| 11 | Substance insoluble in acetic acid | Not more than 5 mg | |
| 12 | Loss on ignition | Between 29.0 % to 32.5 % | |
| 13 | Assay* | Between 95.0 % to 100.5 % of Mg(OH) ₂ | |

* Re-testing parameter.