

PRODUCT SPECIFICATION
CALCIUM HYDROXIDE

Product Name : Calcium Hydroxide
 CAS No. : 1305-62-0
 Other Name : Slaked lime
 Molecular Formula : Ca(OH)₂
 Molecular wt. : 74.093 g/mol

| S.No. | PARAMETER | UNIT | SPECIFICATION |
|-------|---------------------|--------------------|------------------------------|
| 1 | Appearance | - | Fine white /off white powder |
| 2 | Purity | % | 95 min |
| 3 | Moisture Content | % | 0.75 max |
| 4 | Density | kg/m ³ | 450-520 |
| 5 | Surface area | m ² /kg | 1400-1900 |
| 6 | Magnesium Hydroxide | % | 1.4 max |
| 7 | Carbon dioxide | % | 1.00 max |
| 8 | Iron oxide | % | 0.10 max |
| 9 | Silica | % | 1.00 max |
| 10 | Alumina | % | 0.20 max |
| 11 | Sulphur | % | 0.025 max |
| 12 | Arsenic | ppm | 2.5 max |
| 13 | Fluorine | ppm | 110 max |
| 14 | Lead | ppm | 5.0 max |
| 15 | Manganese | ppm | 250 max |
| 16 | Nickel | ppm | 10 max |
| 17 | Mercury | ppm | 0.10 max |
| 18 | Cadmium | ppm | 1.0 max |

Application: It is used in sewage treatment, paper production, construction, and food processing.

For Bloomchemag BVBA

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