



## SPECIFICATION

Product Code : 15490

Product : MAGNESIUM HYDROXIDE

EXTRA PURE

Mg(OH)<sub>2</sub>

M.W. 58.53 g/mol

Assay(By complexometry) 95.0-100.5%

Identity

IR spectrum passes test

Appearance of the solution passes test

Substances soluble in water < 1.0%

Substances insoluble

in acetic acid < 0.1%

Impurities with alkaline reaction Passes test

Carbonate Passes test

Chloride(Cl) 0.05%

Sulphate (SO<sub>4</sub>) < 0.1%

Heavy metals (as Pb) < 0.001%

Copper (Cu) Passes test

Arsenic (As) 0.002%

Calcium (Ca) < 0.5%

Loss on ignition (105<sup>0</sup>C) 30-32.5%

Bulk density about 50g/100ml

Loss on drying(105<sup>0</sup>C) < 2%

Microbiological test Passes test

Iron (Fe) < 0.05%

Cas No. 1309-42-8 Un No. NR TARIFF : 2816 10 10

R : 36 / 37 / 38 S : 26 - 36 F : 3 - 9