

SPECIFICATION SHEET-FINISHED PRODUCT

Material Name: Magnesium Hydroxide IP

CAS No. : 1309-42-8

Mol. Formula

Mg(OH)₂

Mol. Weight

58.3 gm/mol

Sr No.	Test	Specification
1	Description*	A bulky white powder
2	Solubility	Practically insoluble in water & in ethanol (95 %).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 0.08 %
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 10 mg
11	Substance insoluble in acetic acid	Not more than 5.0 mg
12	Loss on ignition	Between 30.0 % to 32.5 %
13	Assay*	Between 95.0 % to 100.5 %

* Re-testing parameter.