

SPECIFICATION SHEET-FINISHED PRODUCT

Material Name: Magnesium Hydroxide EP

CAS No. 1309-42-8

Mol. Formula	Mg(OH) ₂	Mol. Weight	58.32 gm/mol
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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.