



Magnesium Hydroxide Powder
D 212

Spec.No. 30977- 2
Quality Ph.Eur. 5.0

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Description	White powder, odor- and tasteless.
Identification	A solution in hydrochloric acid yields the reactions characteristic of magnesium.
Solubility	Insoluble in water, soluble in diluted mineral acids.
Magnesium (Mg(OH)₂)	95.0-100.5 %
Loss on ignition (900 deg.C, constant weight)	29.0-32.5 %
Colouring of solution	meets test
Soluble salts	max. 2.0 %
insoluble in acetic acid.	max. 0.1 %
Chloride (Cl)	max. 0.1 %
Sulfate (SO₄)	max. 0.5 %
Calcium (Ca)	max. 1.5 %
Iron (Fe)	max. 0.07 %
Arsenic (As)	max. 4 ppm
Heavy metals (as Pb)	max. 30 ppm
Bulk density (tapped)	0.60-0.75 g/ml

Release

The product meets the requirement of the Ph. Eur.