



BK Giulini

Magnesium Hydroxide Powder
D 212

Spec.No. 30977- 1
Quality USP 29

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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, acidimetrically, based on dry substance)	95.0-100.5 %
Loss on ignition (800 deg.C, constant weight)	30.0-33.0 %
Loss on drying (105 deg.C, 2 h)	max. 2.0 %
Soluble salts	max. 2.0 %
soluble alcalies	max. 2.0 ml
Carbon dioxide (CO₂)	complies
Calcium (Ca)	max. 1.5 %
Heavy metals (as Pb)	max. 20 ppm
Lead (Pb)	max. 10 ppm
Bulk density (tapped)	0.60-0.75 g/ml
Escherichia coli	not detectable per 10 g

Release

The product meets the requirements of the USP.