



**Magnesium Hydroxide Powder**  
**D 213**

**Spec.No.** 30978- 2  
**Quality** Ph.Eur. 5.0

page 1 / 1

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<b>Description</b>	<b>White powder, odor- and tasteless.</b>
<b>Identification</b>	<b>A solution in hydrochloric acid yields the reactions characteristic of magnesium.</b>
<b>Solubility</b>	<b>Insoluble in water, soluble in diluted mineral acids.</b>
<b>Magnesium (Mg(OH)<sub>2</sub>)</b>	<b>95.0-100.5 %</b>
<b>Loss on ignition (900 deg.C, constant weight)</b>	<b>29.0-32.5 %</b>
<b>Colouring of solution</b>	<b>meets test</b>
<b>Soluble salts</b>	<b>max. 2.0 %</b>
<b>insoluble in acetic acid.</b>	<b>max. 0.1 %</b>
<b>Chloride (Cl)</b>	<b>max. 0.1 %</b>
<b>Sulfate (SO<sub>4</sub>)</b>	<b>max. 0.5 %</b>
<b>Calcium (Ca)</b>	<b>max. 1.5 %</b>
<b>Iron (Fe)</b>	<b>max. 0.07 %</b>
<b>Arsenic (As)</b>	<b>max. 4 ppm</b>
<b>Heavy metals (as Pb)</b>	<b>max. 30 ppm</b>
<b>Bulk density (tapped)</b>	<b>0.80-1.00 g/ml</b>

**Release**

**The product meets the requirement of the Ph. Eur.**