



**BK Giulini**

**Magnesium Hydroxide Powder  
D 211**

**Spec.No. 30975- 1  
Quality USP 29**

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> based on substance dried at 105deg.C)</b>	<b>95.0-100.5 %</b>
<b>Loss on ignition (800 deg.C, constant weight)</b>	<b>30.0-33.0 %</b>
<b>Loss on drying (105 deg.C, 2 h)</b>	<b>max. 2 %</b>
<b>Soluble salts</b>	<b>max. 2 %</b>
<b>soluble alcalies</b>	<b>max. 2 ml</b>
<b>Carbonate</b>	<b>complies</b>
<b>Calcium (Ca)</b>	<b>max. 1.5 %</b>
<b>Heavy metals (as Pb)</b>	<b>max. 20 ppm</b>
<b>Lead (Pb)</b>	<b>max. 10 ppm</b>
<b>Bulk density (tapped)</b>	<b>0.40-0.60 g/ml</b>
<b>Escherichia coli</b>	<b>not detectable per 10 g</b>

**Release**

**The product meets the requirements of the USP.**