



**Magaldrate powder**  
**C 411**

**Spec.No. 30171- 1**  
**Quality USP 28**

page 1 / 2

<b>Description</b>	<b>White, odorless, finecrystalline powder.</b>
<b>Identification</b>	<b>The product yields the reactions characteristic for aluminium und magnesium.</b>  <b>The X-ray diffraction pattern in the d-spacings region below 0.257 nm conforms to that of USP Magaldrate RS.</b>
<b>Solubility</b>	<b>Soluble in diluted mineral acids.</b>
<b>Magaldrate (based on substance dried at 200deg.C)</b>	<b>90.0-105.0 %</b>
<b>Magnesium (Mg(OH)<sub>2</sub> based on substance dried at 200deg.C)</b>	<b>42.9-66.6 %</b>
<b>Aluminium (Al(OH)<sub>3</sub>, based on substance dried at 200deg.C)</b>	<b>32.1-45.9 %</b>
<b>Sulfate (SO<sub>4</sub>, based on substabce dried at 200deg.C)</b>	<b>16.0-21.0 %</b>
<b>Loss on drying (200deg.C, 4 h)</b>	<b>10.0-20.0 %</b>
<b>Sodium (Na)</b>	<b>max. 0.11 %</b>
<b>sulfate (SO<sub>4</sub>, water soluble)</b>	<b>max. 1.9 %</b>
<b>Chloride (Cl, water soluble)</b>	<b>max. 3.5 %</b>
<b>Arsenic (As)</b>	<b>max. 8 ppm</b>
<b>Heavy metals (as Pb)</b>	<b>max. 60 ppm</b>
<b>Organic volatile impurities</b>	<b>complies</b>
<b>Bulk density (untapped)</b>	<b>0.48-0.68 g/ml</b>
<b>Bulk density (tapped)</b>	<b>no req. g/ml</b>

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page

2 / 2

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**Total aerobic microbial count**                      **max. 100    c.f.u./g**

**Escherichia coli**    **not detectable per 10 g**

**Release**

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

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