

**Aluminiumphosphate Gel Powder**  
**B 111**

**Spec.No.** 30179- 2  
**Quality** Ph. Eur. 8

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<b>Description</b>	<b>White, odour-and tasteless powder.</b>
<b>Identification</b>	<b>An acid solution yields the reaction characteristic of aluminium and phosphate.</b>
<b>Solubility</b>	<b>Insoluble in water, alcohol and methylene chloride, easily soluble in diluted mineral acids.</b>
<b>Appearance of the solution</b>	<b>Clear and colorless</b>
<b>Aluminium phosphate (AlPO<sub>4</sub>, based on ignited substance)</b>	<b>94.0-102.0 %</b>
<b>Loss on ignition (800 deg.C, constant weight)</b>	<b>10.0-20.0 %</b>
<b>Phosphate [EP] (PO<sub>4</sub>, water soluble)</b>	<b>max. 1.0 %</b>
<b>Chloride (Cl)</b>	<b>max. 1.3 %</b>
<b>Sulfate (SO<sub>4</sub>)</b>	<b>max. 0.6 %</b>
<b>Arsenic (As)</b>	<b>max. 1 ppm</b>
<b>Heavy metals (as Pb)</b>	<b>max. 20 ppm</b>
<b>pH-value (4% suspension)</b>	<b>5.5-7.2</b>
<b>Acid neutralising capacity</b>	<b>2.0-2.5</b>

**Release**

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