

Aluminium hydroxide

Cat: A7130

Specification: 500g

Storage: Store at room temperature.

Product Information

CAS: 21645-51-2

English name: Aluminium hydroxide

Molecular Formula: Al(OH)₃

Molecular Weight: 78

Appearance (Character): White powder

Melting Point: 300°C

Specific Gravity: 2.42

PH Value: 8-9 (100g/l, H₂O, 20°C) (slurry)

Introduction

Aluminum hydroxide is a widely used chemical product. Industrial-grade aluminum hydroxide is mainly used as a filler for plastics and polymers, a flame retardant and binder for carpet making, a filler for epoxy resins, a color filler and coating for paper making, and for the production of aluminum sulfate, alum, aluminum fluoride, sodium aluminate, synthetic molecular sieves, toothpaste fillers, glass ingredients, and its gel liquid and dried gel. Pharmaceutical-grade aluminum hydroxide is mainly used as an acid-prevention drug, which has the effect of neutralizing gastric acid and protecting the ulcer surface. It can alleviate symptoms such as hyperacidity and associated acid reflux, and is suitable for the treatment of gastric ulcer, duodenal ulcer, reflux esophagitis, and upper gastrointestinal bleeding. When combined with calcium and vitamin D, it can treat neonatal hypocalcemia and tetany.

Used for the determination of potassium fertilizer content by the aluminum hydroxide gravimetric method. As an adsorbent, emulsifier, ion exchanger, chromatographic analysis agent, and mordant. Refractory materials, glass, pottery. Precipitated colorant, waterproof fabric. Manufacturing aluminum salts.

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.