

**Product:**

❖ Aluminum Sulfate

**Applications:**

One of the most important applications of aluminum sulfate is in water treatment. Aluminum sulfate has known as a coagulant to remove most of the impurities in the water. The main function of this combination, provide the ions required to neutralize the colloidal particles in the water to allow the particles to join together to develop. This compound after dissolved in water reacts quickly with alkaline ingredients and led gelatinous precipitate which is absorbed by the particles and impurities in the water.

**Specification:**

<b>Chemical formula</b>	$Al_2(SO_4)_3 \cdot (1.5-1.8)H_2O$	<b>Appearance</b>	White powder(0-1mm)
<b>Al<sub>2</sub>O<sub>3</sub></b>	17%±0.5	<b>f</b>	Max 2 ppm
<b>free al<sub>2</sub>O<sub>3</sub></b>	max 0.5%	<b>PH</b>	3, 0-3, 0
<b>fe<sub>2</sub>O<sub>3</sub></b>	0.1%<x<0.3%	<b>cl</b>	200 ppm
<b>water insoluble mater</b>	0.1%<x<0.5%	<b>heavy metal</b>	Around zero