



GEE GEE KAY

POLY ALUMINIUM CHLORIDE

Technical Specifications

Chemical Name	Poly Aluminium Chloride Hydroxide
Description	Polyaluminium Chloride shall be in the form of white to pale yellow powder and shall be free from organic contaminants.
Form	Powder / granules
Color	White to Pale Yellow
Water Soluble Poly Aluminium Chloride, as Al ₂ O ₃ , percent by mass (min)	28
Water insoluble matter, percent by mass (max)	1.5
Ammonical nitrogen, percent by mass (max)	0.01
pH of 5 percent solution , w/v	2.5-4.5
Chloride (as Cl -) percent by mass(max)	33.0
Sulphate as (SO ₄ ²⁻) percent by mass (max)	10.0
Basicity, percent by mass (min)	35
Arsenic (as As) ppm (max)	15
Cadmium (as Cd) ppm (max)	18
Chromium (as Cr) ppm (max)	45
Mercury (as Hg) ppm (max)	0.6
Nickel (as Ni) ppm (max)	700
Lead (as Pb) ppm (max)	90
Antimony (as Sb) ppm (max)	40
Selenium (as Se) ppm (max)	40
Iron (as Fe) and Manganese (as Mn) ppm (max)	300
Particle size – passing through 04 mm (ASTM No.5) sieve	100%

Packing Requirements

Packing of PAC Should be in 25 Kg Polypropylene bags with air tight PE inner liner.



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