

Code No.01-0186

SPECIFICATION

Aluminium(III) Chloride Hexahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White ~ slightly yellow, crystals ~ crystalline powder
Assay ($\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$)	min.98.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	min.2.2
Sulfate (SO_4)	max.0.002%(mass/mass)
Sodium (Na)	max.0.05%(mass/mass)
Copper (Cu)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.01%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)

JIS K 8114:2016*:Additional test performed by Wako but not required by JIS