



**Poly-Aluminium Chloride (PAC)**

**Manufacturer:**

ASM Chemical Industries Ltd.

Factory:

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**1. PRODUCT NAME**

**Polyaluminium Chloride (PAC)**

**2. PROPERTIES**

01.	Physical Appearance	Pale Yellow Powder
02.	Odor	Mild
03.	Chemical Stability of Powder	Hygroscopic in nature
04.	Solubility	Soluble in water

**3. SPECIFICATIONS**

	Characteristics	Unit	For Drinking Water	For Waste Water
01.	Physical State	-	Powder form	Powder form
02.	Alumina Content, Al <sub>2</sub> O <sub>3</sub>	%	29.0-29.5	29.5
03.	Basicity	%	40-50 & 75-85	75-85
04.	pH Value, 1% w/v	-	3.5-5.0	3.5-5.0
05.	Water Insoluble	%	≤ 0.2	≤ 1.5
06.	Iron as Fe	%	≤ 0.008	≤ 2.0
07.	Arsenic, As	ppm	≤ 0.0005	≤ .0015
08.	Chromium, Cr	ppm	≤ 0.0015	≤ .0015
09.	Lead, Pb	ppm	≤ 0.003	≤ .006
10.	Cadmium, Cd	ppm	≤ 0.0006	≤ .006

**4. PACKING**

Powder: 25.0 kg pp woven bags with inner LDPE liner.

**5. USES**

Municipal & Industrial Portable water treatment, Municipal & Industrial waste water treatment, Sizing in Paper and pulp industries, Decolorisation & Decontamination of dyes in textile industry

**6. HANDLING & STORAGE**

It is desirable use personal protective equipment while handling PAC, stored in a normal temperature & should not be stored in hot condition

**(Md. Ali Zinnah)**  
Chief Chemist Q.C