Poly Aluminium Chloride (PAC)

Al(OH)Cl | Powder 28–30% AlO and liquid about 10–18% AlO

PRODUCT OVERVIEW

Polyaluminium chloride, the pre-hydrolysed coagulant for drinking water, wastewater, desalination pre-treatment and paper. Causes serious eye damage, and the liquid is corrosive to metals: wear eye protection and use plastic or lined equipment.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
Aluminium oxide (AlO), powder	-	**28% min, typically 29–31%**	EDTA titration
Aluminium oxide (AlO), liquid	-	**About 10–18%, by grade**	EDTA titration
Basicity	-	**40–90%, by grade**	Titration
Water-insoluble matter	-	**0.1–0.6% max (powder, drinking-water grade)**	Gravimetric
pH (1% solution)	-	**3.5–5.0**	pH meter
Iron (Fe)	-	**0.02% max (white); up to about 2% (yellow)**	ICP / colorimetric
Arsenic (As)	-	**0.0002% max (drinking-water grade)**	ICP / AAS
Lead (Pb)	-	**0.001% max (drinking-water grade)**	ICP / AAS
Appearance	-	**Yellow or white powder; colourless to yellow liquid**	Visual

SUPPLY AND PACKING

25 kg PE-lined bags and jumbo bags for powder; IBCs and plastic drums for liquid, which commonly ships as UN 3264, class 8, PG III. FOB, CFR and CIF on request; pack sizes and loads are confirmed with each offer.

DOCUMENTATION

Every shipment includes a Certificate of Analysis. Certificate of Origin and MSDS are available on request. Destination-specific import or phytosanitary documentation is confirmed where applicable.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.