

H&I Chemicals Ltd

Hesketh House, 5 Ashfield Road
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SALES SPECIFICATION

POLYALUMINIUM CHLORIDE SOLUTION 18%

Appearance:	Clear to slightly opalescent yellow liquid
Al ₂ O ₃ :	17.1% to 17.9% m/m (9.1 to 9.5% m/m as Al ³⁺)
Basicity:	35% min
S.G. at 20°C:	1.37 to 1.40

Trace Elements

Arsenic (As):	1.0 mg/kg
Cadmium (Cd):	0.2 mg/kg
Chromium (Cr):	2.0 mg/kg
Copper (Cu):	5.0 mg/kg
Iron (Fe):	50 mg/kg
Mercury (Hg):	0.2 mg/kg
Manganese (Mn):	5.0 mg/kg
Nickel (Ni):	1.0 mg/kg
Lead (Pb):	2.0 mg/kg
Antimony (Sb):	1.0 mg/kg
Selenium (Se):	1.0 mg/kg
Zinc (Zn):	10 mg/kg

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Typical Values

Basicity: 40 – 50

Sulphate (as SO^4): 1.0 to 1.6% m/m

pH as received: 0.5 to 1.0

This product conforms to BS EN 17034:2018 (Type 1)

Issue date: September 2022