



Chemifloc Ltd.

Chemical Manufacturers.

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Product Specification:

Chemifloc 101

Parameter	Specification
Chemical Name	Aluminium Iron (III) Sulphate
Synonym	Chemifloc 101
Chemical Formula	$\text{Al}_2(\text{SO}_4)_3 \cdot \text{Fe}_2(\text{SO}_4)_3 \cdot n\text{H}_2\text{O}$
CAS Number	
- $\text{Al}_2(\text{SO}_4)_3$	10043-01-3
- $\text{Fe}_2(\text{SO}_4)_3$	10028-22-5
Appearance	Yellow to Brown Liquid
Density at 15°C	1.345 to 1.367
Crystallization Point	-10°C
Chemical Properties	Acidic Solution
Aluminium Content	Up to 40 g Al/kg of Product
Iron Content	Up to 32 g Fe/kg of Product
Free Acid	-1.0 to 1.0 as % w/w H_2SO_4
Insoluble Matter	Less than 25g/kg Al + Fe (0.1%)
Arsenic (As)	Less than 14.0 mg/kg Al
Cadmium (Cd)	Less than 3.0 mg/kg Al
Chromium (Cr)	Less than 30.0 mg/kg Al
Mercury (Hg)	Less than 4.0 mg/kg Al
Nickel (Ni)	Less than 60.0 mg/kg Al
Lead (Pb)	Less than 40.0 mg/kg Al
Antimony (Sb)	Less than 20.0 mg/kg Al
Selenium (Se)	Less than 20.0 mg/kg Al

This Specification conforms with the requirements of I.S.EN 887:2002 for Type 2 Aluminium Iron Sulphate solution.