



Chemifloc Ltd.

Chemical Manufacturers.

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Product Specification:

Ferric Chloride (Wastewater Grade)

Manufactured by Chemifloc Ltd, Ireland. REACH Registration No. 01-2119497998-05

Parameter	Specification
Chemical Name	Iron (III) Chloride
Synonym	Ferric Chloride
Chemical Formula	$\text{FeCl}_3 \cdot n\text{H}_2\text{O}$
CAS Number	10025-77-1
Appearance	Clear, Dark Reddish Liquid
Density at 15°C	1.350 to 1.450
Crystallization Point	-10°C
Chemical Properties	Acidic Solution
Iron Content	not less than 38% m/m of FeCl_3
Gm Mole Kg^{-1} Fe^{3+}	not less than 2.24
Free Acid	0.0 to 5.0 as % w/w HCL
Insoluble Matter	Less than 0.05%
Arsenic (As)	less than 2.8 ppm w/w
Cadmium (Cd)	less than 3.4 ppm w/w
Chromium (Cr)	less than 48 ppm w/w
Mercury (Hg)	less than 0.7 ppm w/w
Nickel (Ni)	less than 48 ppm w/w
Lead (Pb)	less than 14 ppm w/w
Antimony (Sb)	less than 2.8 ppm w/w
Selenium (Se)	less than 2.8 ppm w/w
Manganese (Mn^{2+})	less than 1370 ppm w/w
Copper (Cu)	less than 65 ppm w/w