



Chemifloc Ltd.

Chemical Manufacturers.

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Product Specification:

Ferric Sulphate 125 (Grade 1, Type 1, Low Mn)

Manufactured by Chemifloc Ltd, Ireland. REACH Registration No. 01-2119513202-59

Parameter	Specification
Chemical Name	Iron (III) Sulphate
Synonym	Ferric Sulphate
Chemical Formula	$\text{Fe}_2(\text{SO}_4)_3 \cdot n\text{H}_2\text{O}$
CAS Number	10028-22-5
Appearance	Clear, Dark Brown Liquid
Iron (Total)	12.1 - 12.9 as % w/w Fe
Free Acid	< 1.0 % w/w H_2SO_4
Specific Gravity @ 20°C	1.500 - 1.600
Manganese (Mn)	< 80 ppm
Ferrous Iron (Iron (II))	< 2.5 mass fraction of Fe in %
Arsenic (As)	less than 1.0 mg/kg Fe
Cadmium (Cd)	less than 1.0 mg/kg Fe
Chromium (Cr)	less than 100 mg/kg Fe
Mercury (Hg)	less than 0.1 mg/kg Fe
Nickel (Ni)	less than 300 mg/kg Fe
Lead (Pb)	less than 10 mg/kg Fe
Antimony (Sb)	less than 10 mg/kg Fe
Selenium (Se)	less than 1.0 mg/kg Fe
Insoluble Matter	less than 0.5 mass fraction of Fe in %
Freezing point	-15°C

This Specification conforms with the requirements of I.S.EN 890:2012 for Grade 1 Type 1 Iron (III) Sulphate solution.