

H&I Chemicals Ltd

Hesketh House, 5 Ashfield Road
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SALES SPECIFICATION

FERROUS SULPHATE HEPTAHYDRATE

Appearance:	Light Green, Solid, Damp, Crystalline		
Iron Fe:	19.7 %		
Sulphur S:	11.3 %		
Loss of Weight @ 105°C (48hr):	39.2 %		
Water Insoluble Matter:	< 0.05 %		
Dilute Acid Insoluble Matter:	< 0.05 %		
Chloride Cl:	< 0.1 %		
Aluminium (Al):	60 mg/kg	Manganese (Mn):	1300 mg/kg
Arsenic (As):	0.03 mg/kg	Molybdenum (Mo):	2.6 mg/kg
Boron (B):	120 mg/kg	Sodium (Na):	22 mg/kg
Barium (Ba):	< 0.2 mg/kg	Nickel (Ni):	32 mg/kg
Beryllium (Be):	0.01 mg/kg	Phosphorous (P):	7 mg/kg
Calcium (Ca):	120 mg/kg	Lead (Pb):	0.2 mg/kg
Cadmium (Cd):	< 0.3 mg/kg	Antimony (Sb):	< 0.02 mg/kg
Cobalt (Co):	4.9 mg/kg	Selenium (Se):	< 0.7 mg/kg
Chromium (Cr):	45 mg/kg	Silicon (Si):	14 mg/kg
Copper (Cu):	3 mg/kg	Tin (Sn):	0.7 mg/kg
Mercury (Hg):	< 0.3 mg/kg	Titanium (Ti):	22 mg/kg
Potassium (K):	< 5 mg/kg	Vanadium (V):	2.7 mg/kg
Lithium (Li):	< 0.4 mg/kg	Zinc (Zn):	< 10 mg/kg
Magnesium (Mg):	19 mg/kg		
pH 10% m/m Solution:	2.2		
pH 30% m/m Solution:	1.7		

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Particle Size Distribution

2mm	0.0 %
1mm	65.6 %
0.5mm	33.8 %
0.25mm	0.6 %
0.125mm	< 0.01 %
0.063mm	<0.01 %
< 0.063mm	<0.01 %

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