

# Product specification



**Product Name: Ferrous Sulphate Heptahydrate DAMP GRADE  
(FeSO<sub>4</sub>.6-7H<sub>2</sub>O)**

**CAS No: 7782-63-0**

**EINECS No: 231-753-5**

<b>Results (% m/m)</b>	
Iron	19.7
Sulphur	11.3
Loss of weight at 105°C	39.2
Approx moisture in excess of water	2.1
Water insoluble matter	<0.05
Dilute acid insoluble matter	<0.05
Chloride	<0.1

## **Results(mg/kg)**

Aluminium	60	Manganese	1300
Arsenic	0.03	Molybdenum	2.6
Boron	120	Sodium	22
Barium	<0.2	Nickel	32
Beryllium	0.01	Phosphorus	7
Calcium	120	Lead	<0.2
Cadmium	<0.03	Antimony	<0.02
Cobalt	4.9	Selenium	<0.7
Chromium	45	Silicon	14
Copper	3	Tin	0.7
Mercury	<0.03	Titanium	22
Potassium	<5	Vanadium	2.7
Lithium	<0.4	Zinc	<10
Magnesium	<19		

## **Particle size**

<b>Dry sieving</b>		<b>%</b>
Retained on 2	mm	0.0
Retained on 1	mm	65.6
Retained on 0.5	mm	33.8
Retained on 0.25	mm	0.6
Retained on 0.125	mm	<0.01
Retained on 0.063	mm	<0.01
Passing on 0.063	mm	<0.01

**DirectChems, 25/05/2023**

Statement: We guarantee the parameters listed above, all other requested additional parameters we cannot guarantee unless expressly stating such in writing and amending the standard specifications above. Test methods may vary, and unless expressly stated the method chosen, end users should make their own judgements on the usability of the material above in their end products or formulations, by requesting samples, trial orders prior to full production.

