



# HANS CHEMICALS PRIVATE LIMITED

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## TECHNICAL DATA SHEET

### FERROUS SULPHATE – HEPTAHYDRATE ( LR/ Equivalent IP )

Iron(II) sulfate or ferrous sulfate is the chemical compound with the formula FeSO<sub>4</sub>. Known since ancient times as copperas and as green vitriol, the blue-green heptahydrate is the most common form of this material. ferrous sulfate is mainly used as a precursor to other iron compounds. It is a reducing agent, mostly for the reduction of chromate in cement.

#### Specification :

Molecular Formula : FeSO<sub>4</sub>.7H<sub>2</sub>O

Appearance : Free Flowing Bluish Green Crystals

Sr. No.	Parameter	Units	Limits	
			Min.	Max.
1.	Assay	%	98	
2.	pH (5 % w/w solution ) at RT		2.7	3.5
3.	Ferric Sulphate	%		0.2
4.	Moisture	%	44	46
5.	Chloride	%		0.005
6.	Potassium	%		0.05
7.	Sodium	%		0.05
8.	Lead	%		0.005

Uses: Nutritional Supplement, Colorant, horticulture, Animal feed, Jewellery.