



## Technical Data Sheet – Manganese Sulphate (MnSO<sub>4</sub>.H<sub>2</sub>O)

**Manganese sulfate** usually refers to the inorganic compound with the formula MnSO<sub>4</sub>·H<sub>2</sub>O. This pale pink deliquescent solid is a commercially significant manganese salt. It is the precursor to manganese metal and many other chemical compounds. Manganese-deficient soil is remediated with this salt.

Sr. No.	Parameters	Result	Standard
01	Manganese (as Mn)	30.5	30.5
02	Sulphate Sulphur (as S)	17.0	17.0
03	Matter insoluble	1.0	0.9
04	Lead as (Pb)	0.003	0.003
05	Cadmium as (Cd)	0.0025	0.0025
06	Arsenic as (As)	0.01	0.01
07	pH	4.0	4.0 to 5

### Application

- It is used in agriculture as a fertilizer, livestock supplement, and ceramics.