

## SPECIFICATION SHEET

# Dried Ferrous sulphate

Sr. No.	Test	Specification	Reference
1.	Description	Greyish white colour powder	IP/BP/EP/USP
2.	Solubility	Slowly but freely soluble in water, very Soluble in boiling water, practically insoluble in ethanol (96 per cent).	IP/BP/EP/USP
3.	Identification	(A) it gives the Reaction of 'sulphates' (B) it gives the Reaction of 'iron' (C) it Complies with limit test of assay	(A), (B) & (C) IP/BP/EP/USP
4.	pH	Between 3.0 – 4.0	BP/EP
5.	Chlorides	Maximum 300 ppm	BP/EP
6.	Chromium	Maximum 100 ppm	BP/EP
7.	Manganese	Maximum 0.1 %.	IP/BP/EP
8.	Ferric Iron	Maximum 0.5 %	BP/EP
9.	Nickel	Maximum 100 ppm	BP/EP
10.	Zinc	Maximum 100 ppm	IP/BP/EP
11.	Mercury	Not more than 3 ppm.	USP
12.	Copper	Maximum 50 ppm.	IP/BP/EP
13.	Insoluble Substances	Not more than 0.05%.	USP
14.	Arsenic	Not more than 3 ppm.	IP/USP
15.	Lead	Not more than 10 ppm.	IP/USP
16.	Basic Sulphate	Producing a solution that is not more than faintly turbid.	IP
17.	Assay (ODB)	(A) Between 86% w/w to 90.0% w/w (B) Between 86% w/w to 89.0% w/w	(A) IP/BP/EP (B) USP