

---

---

## SPECIFICATION OF SODIUM FERRIC EDTA ACID

SR. NO.	TEST	SPECIFICATION
<b>PHYSICAL PARAMETERS:-</b>		
1	DESCRIPTION	A YELLOW OR YELLOWISH BROWN COLOUR, CRYSTALLINE POWDER : HYDROSCOPIC.
2	IDENTIFICATION a. IR Spectrum  b. Test for Iron Salts  c. Test for Sodium Salts	a. The spectrum of the sample is concordant with the working standard of Sodium Ferredetate  b. Passes the test for presence of iron salts.  c. Passes the test for presence of sodium salts
3	SOLUBILITY	SOLUBLE IN WATER.
4	WATER INSOLUBLE MATTERS	NMT 0.1 %
5	LOSS ON DRYING	NMT 13% w/w.
6	Ph (1% w/v soln. in water)	BETWEEN 4.0 TO 6.5
<b>CHEMICAL PARAMETERS:-</b>		
7	FREE IRON	NMT 200 PPM
8	FREE SOLUBLE EDETATE	TO COMPLY TO THE TEST
9	HEAVY METALS	NMT 20 PPM
10	SULPHATES	NMT 600 PPM
11	ASSAY (ON DRIED BASES)	NOT LESS THEN 98%