
SPECIFICATION OF IRON (III) HYDROXIDE POLYSACCHARIDE COMPLEX

SR. NO.	TEST	SPECIFICATION
PHYSICAL PARAMETERS:-		
1	DESCRIPTION	BROWN BLACK COLOUR, FREE FLOWING SPRAY DRIED POWDER.
2	SOLUBILITY	SOLUBLE IN WATER,INSOLUBLE IN ORGANIC SOLVENT
3	ODOUR	ODOURLESS
4	TASTE	NON METALLIC
5	LOSS ON DRYING	NMT 8% w/w.
6	Ph (5% w/v soln. in dist. Water)	6.00 to 9.00 AT 27 DEGREE C
CHEMICAL PARAMETERS:-		
7	IONISED / FREE IRON (III)	NEGATIVE
8	IRON (III) BOUND	POSIVITE
9	TOTAL ELIMENTAL IRON	NLT 44% (W/W. METHOD)
10	SODIUM CHLORIDE	NMT 3.5% W/W
11	HEAVY METALS	NMT 200 PPM
MICROBIOLOGICAL PARAMETERS:-		
A)	TOTAL PLATE COUNT	NMT 1,000 cfu/gm
B)	TOTAL YEAST & MOLD COUNT	NMT 100 cfu/gm
C)	ENTROBACTERIACEAE COUNT	NMT 10 cfu/gn
D)	E. COLI	ABSENT
E)	SALMONELLA	ABSENT