
SPECIFICATION OF IRON (III) HYDROXIDE POLYMALTOSE

SR. NO.	TEST	SPECIFICATION
1	DESCRIPTION	REDISH BROWN COLOUR, FREE FLOWING POWDER, HYDROSCOPIC
2	SOLUBILITY	SOLUBLE IN WATER, INSOLUBLE IN ORGANIC SOLVENT
3	IDENTIFICATION IONISED IRON IRON(III) POLY MALTOSE	NEGATIVE/ABSENT POSITIVE/PRESENT POSITIVE/PRESENT
4	HEAVY METALS	NMT 200 PPM
5	Ph (5% w/v soln. in dist. Water)	5.50.00 to 8.00
6	LOSS ON DRYING	NOT MORE THAN 8%
7	CHLORIDE AS SODIUM CHLORIDE	MAX 3% W/W
8	CARBOHYDRATES(POLYMALTOSE) (ON DRIED BASIS)	25 % TO 50 %
9	IRON CONTENT	30 % TO 34 %
10	MICROBIAL LIMIT TEST	
A	TOTAL PLATE COUNT	NMT 1000 cfu/gm
B	TOTAL YEAST & MOLD COUNT	NMT 100 cfu/gm
C	E. COLI	NIL (IN 1 GM OF SAMPLE)
D	SALMONELLA	NIL (IN GM OF SAMPLE)
E	ENTRO BACTERIACEAE COUNT	NMT 100 cfu/gm
F	PSEUDOMONAS AERUGINOSA	ABSENT
G	STAPHYLOCOCCUS AUREUS	ABSENT
H	OTHER PATHOGENS	ABSENT