



Product : **Iron (III) Hydroxide Polymaltose Complex 36 %**
Shelf Life : **5 Years**

Parameter	Specification
Description without	Reddish deep brown coloured amorphous powder,
Solubility	any odour and only a feeble astringent taste. Easily soluble in hot water (1 gm in 10 ml). Insoluble in organic solvents, & precipitates on mixing with miscible organic solvent like alcohol & acetone.
Moisture content	NMT 7% (w/w)
pH of 10 % solution in water	6.0 to 6.5 (w/w)

Chemicals Parameter: (On Dry Basis)

a) Ferric Iron	It gives Blue colour with Ferrocyanide
b) Polymaltose Chloride as NaCl	It gives green colour with Anthrone Reagent NMT 3 %
Heavy Metals	NMT 70 ppm
Arsenic	NMT 2 ppm
Copper	NMT 60 ppm
Lead	NMT 25 ppm
Zinc	NMT 150 ppm
Carbohydrates Glucose	26 % to 34 %
Polymaltose Content	24 % to 31 %
Assay of Iron	32 % to 36 %

Microbiological Parameter

Total Plate Count	NMT 100 CFU per gm
Yeast & moulds	NMT 100 CFU per gm
Pathogens	Absent
E. coli	Absent
Salmonella	Absent