



Product : **Iron Dextran Powder**
Shelf Life : **3 Years**

Parameters	Specification
Description	Homogeneous brown dark red powder
Solubility (sol 5% total iron)	Soluble in water
Loss on drying	≤ 5.0%

Chemicals Parameter: (On Dry Basis)

	Positive
Iron	14.0 – 18.0%
Total Iron (III) assay	≥ 60.0%
Dextran content (Anthrone)	≤ 2.0%
Chloride (as Cl on O.D.B)	< 2.0 ppm
Arsenic	<50 ppm
Zinc	< 25 ppm
Lead	< 50 ppm
Copper	

Test On 5% solution (Additional Testing)

	28.0 % - 32.0%
	4.5 – 7.0
Non- volatile residue	17.0% -23.0% w/v
Ph (sol 5% total iron)	0.48% - 0.68% w/v
Dextran assay	
Chloride content	

Microbiological Parameter	NMT 100 CFU per gm
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	Absent
Total Plate Count	Absent
Yeast & moulds	Absent
Pathogens	
E. coli	
Salmonella	<0.5 EU /mg of Iron

Bacterial Endotoxin