

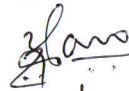


CERTIFICATE OF ANALYSIS

Name of Product	: IRON (III) HYDROXIDE POLYMALTOSE COMPLEX	Page 1 of 2
Manufactured By	: PRIDE DRUGS & PHARMA PVT LTD.	
Batch No.	: IPKCF25005	Batch Quantity : 160.250 Kg
Mfg. Date	: 30/04/25	Release Date : 10/05/25
Retest Date	: 29/10/25	A.R. No. : FP/250125



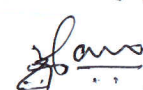
Sr.No.	Test	Specification	Result
1.0	Description	Brown colored, amorphous powder	Brown colored, amorphous powder
2.0	Solubility	Soluble in 0.1M Hydrochloric acid	Complies
3.0	Identification		
	A) Iron (ferric iron)	To comply the identification test	Complies
	B) Polymaltose	A reddish precipitate is produced & comply the test.	Complies
4.0	pH (5.0 % Solution)	Between 5.0 and 7.0	6.5
5.0	Loss on drying (105° C for 3 hours)	Not more than 10.0% w/w	3.2 % w/w
6.0	Sodium Chloride Content (On anhydrous basis)	Not more than 6.4 % w/w	0.5 % w/w
7.0	Assay		
	A) Polymaltose content (On Anhydrous basis)	Between 25.0 and 50.0 % w/w	38.7 % w/w
	B) Iron Content (On as is basis)	Between 25.0 and 35.0% w/w	28.0 % w/w
8.0	Molecular weight determination		
	A) Weight average molecular weight (M _w) by GPC	Between 37,000 and 73,000 Da	57288 Da
	B) Number average molecular weight (M _n) by GPC	Between 29,000 and 51,000 Da	42132 Da
	C) Polydispersity index Mw/Mn	Not more than 1.7	1.4

Prepared by (QC)	Checked by (QC)	Approved by (QA)
 10/05/25	 10/05/25	 10/05/25

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Sr.No.	Test	Specification	Result
9.0	Microbial limit Test	NMT 1000 cfu/gm	07 cfu/mg
	Microbial Count	NMT 100 cfu/gm	02cfu/mg
	Yeast &Molds	To be absent	Absent
	Staphylococcus aureus	To be absent	Absent
	Salmonellae	To be absent	Absent
	E.coli	To be absent	Absent
	Pseudomonas aeruginosa	To be absent	Absent

Remark: Above material complies as specification No:-SP-FG-IPK-023.

Prepared by (QC)	Checked by (QC)	Approved by (QA)
 10/05/25	 10/05/25	 10/05/25