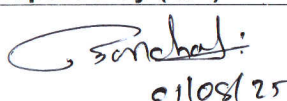
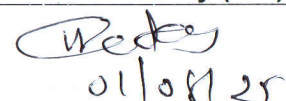



CERTIFICATE OF ANALYSIS

Name of Product	: FERRIC MALTOL (FOOD GRADE)		
Manufactured By	: PRIDE DRUGS & PHARMA PVT LTD.	Page 1 of 2	
Batch No.	: FMTCF25007	Batch Quantity	: 321.575 Kg
Mfg. Date	: JUL-2025	Release Date	: 01/08/25
Retest Date	: JUN-2027	A.R.No.	: FP/250229


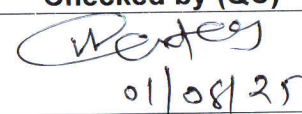
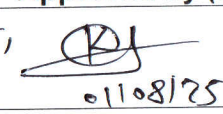
Sr. No.	Test	Specification	Result
01	Description	Light brown to reddish brown powder.	Reddish brown powder.
02	Identification by Infrared spectroscopy	The infrared spectrum of the test preparation should exhibit maxima at the characteristic wavenumbers 1565, 1501, 1274 and 1203 cm^{-1} ($\pm 10 \text{ cm}^{-1}$).	Complies
03	pH (1.0 % solution in water)	Between 5 and 8	6.8
04	Water Content By KF	Not more than 2.0% w/w	0.8 % w/w
05	Loss on drying (105 °C for 3 hrs.)	Not more than 2.0 % w/w	0.5 % w/w
06	Iron content by UV (On dried basis)	Between 12% w/w to 14% w/w	13.4 % w/w
07	Maltol content by HPLC (On dried basis)	Between 86% w/w to 88% w/w	87.1 % w/w
08	Related substances by HPLC: Citric acid Any unspecified impurity Total impurities	Not more than 0.15% Not more than 0.10% Not more than 1.0%	Not detected Not detected Not detected
09	Iron (II) content by titrimetry	Not more than 0.15 % w/w	0.002 % w/w
10	X-ray Diffraction	X-ray diffractogram of the test sample should show polymorphic Form-II characteristic 2θ values at 8.3°, 9.5°, 11.8°, 14.5°, 15.5°, 19.2°, 19.8°, 21.1° and 23.0° ($\pm 0.2^\circ$).	Complies

Prepared by (QC)	Checked by (QC)	Approved by (QA)
 Sanchal 01/08/25	 P. D. K. 01/08/25	Fos,  01/08/25

CERTIFICATE OF ANALYSIS

Name of Product		: FERRIC MALTOL (FOOD GRADE)	
Manufactured By		: PRIDE DRUGS & PHARMA PVT LTD.	Page 2 of 2
Batch No.	: FMTCF25007	Batch Quantity	: 321.575 Kg
Mfg. Date	: JUL-2025	Release Date	: 01/08/25
Retest Date	: JUN-2027	A.R.No.	: FP/250229
Sr. No.	Test	Specification	Result
11	Microbial Enumeration Test :		
	(A) Total Aerobic Microbial Count (TAMC)	NMT 1000 cfu/g	70 cfu/g
	B) Total Combined Yeast and Mold Count (TYMC)	NMT 100 cfu/g	40 cfu/g

Remark: Above material is Under Analysis as per specification no. **SP-FG-FMT-020**.

Prepared by (QC)	Checked by (QC)	Approved by (QA)
 01/08/25	 01/08/25	For,  01/08/25