



CHAITANYA BIOLOGICALS PVT. LTD.


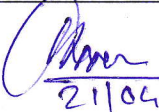
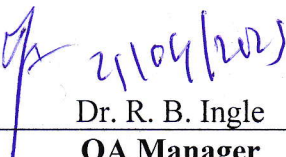
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CERTIFICATE OF ANALYSIS

Name of The Product	Iron Protein Succinylate.		Page 1 of 1
Batch No./Lot No	IPS/231002	Batch Size	250.960 Kgs
Manufacturing Date	Apr – 2023.	Expiry Date	Mar – 2026.
A.R. No.	23FG0428	Date of Analysis complete	20/04/2023.

S.R No	Test parameter	Specification	Observed value
1.0	Description	Reddish brown coloured spray dried powder	Complies.
2.0	Identification:		
2.1	Test for iron	To be positive.	Complies.
2.2	Test for protein	To be positive.	Complies.
3.0	Solubility (2 % w/v.)	Soluble in water.	Complies.
4.0	pH (2 % w/v. solution)	5.00 – 7.00 at 27°C	6.71 at 27°C
5.0	Loss on drying	Not more than 10.00 % w/w.	2.30 % w/w.
6.0	Total elemental iron (Fe ⁺³)	Not less than 5.00 % w/w. (On dried basis)	6.04 % w/w.
7.0	Total Protein Content	Not less than 13.00 %w/w.	28.77% w/w.
8.0	Arsenic	Not more than 3 ppm.	< 0.0005 ppm
	Mercury	Not more than 3 ppm.	0.853 ppm
	Lead	Not more than 25 ppm.	3.625 ppm
	Cadmium	Not more than 25 ppm.	< 0.0005 ppm
	Copper	Not more than 60 ppm.	2.549 ppm
	Zinc	Not more than 150 ppm.	7.208 ppm
9.0	Total aerobic microbial count	Not more than 1000 CFU /gm.	110 CFU/gm.
10.0	Total combined yeast and mould count	Not more than 100 CFU /gm.	< 10 CFU/gm.
11.0	Enterobacteriaceae count	Not more than 10 CFU /gm.	< 10 CFU/gm.
12.0	Pathogen		
12.1	E. coli.	To be absent.	Absent.
12.2	S. typhi	To be absent.	Absent.
12.3	S. aureus	To be absent.	Absent.
12.4	P. aeruginosa	To be absent.	Absent.

Remarks: The sample ~~complies/ does not comply~~ with respect to above test as per In-house Specification.

Prepared By	Checked by	Approved by
 21/04/2023. Mr. T.G.Kolte. QC Analyst	 21/04/2023 Mr. G. D. Kshirsagar. Q.C.Manager	 21/04/2023 Dr. R. B. Ingle QA Manager