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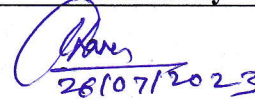
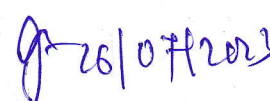
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CERTIFICATE OF ANALYSIS

Name of The Product	Ferrous Glycine Sulphate.		Page 1 of 1
Batch No.	FGS/232045.	Batch Size	250.338 Kgs
Manufacturing Date	July – 2023.	Expiry Date	June – 2026.
A.R. No.	23FG0843	Date of Analysis complete	25/07/2023.

S.R No	Test parameter	Specification	Observed value
1.0	Description	A fine free flowing light greenish brown colour powder.	Complies.
2.0	Solubility (10 % w/v.)	10%w/v solution in water is a clear solution.	Complies.
3.0	pH (10 % w/v. solution)	3.00 – 5.00	4.70 at 27°C.
4.0	Loss on drying	NMT 10.00 % w/w.	8.45% w/w.
5.0	Assay (Fe ⁺² content)	NLT 20.00 %w/w & NMT 21.00 % w/w.	20.70 % w/w.
6.0	Bulk density	NMT 0.4 gm/ml	0.37 gm/ml
7.0	Heavy Metal Test		
7.1	Arsenic	NMT 3 ppm.	< 0.0005 ppm
7.2	Mercury	NMT 3 ppm.	< 0.0005 ppm
7.3	Lead	NMT 1.5 ppm.	< 0.0005 ppm
7.4	Cadmium	NMT 1.5 ppm.	< 0.0005 ppm
7.5	Copper	NMT 50 ppm.	< 0.0005 ppm
7.6	Zinc	NMT 50 ppm.	33.522 ppm
8.0	Total aerobic microbial count	NMT 1000 CFU /gm.	15 CFU/gm.
9.0	Total combined yeast and mould count	NMT 100 CFU /gm.	< 10 CFU/gm.
10.0	Enterobacteriaceae count	NMT 10 CFU /gm.	< 10 CFU/gm.
11.0	Pathogen		
11.1	E. coli.	To be absent.	Absent.
11.2	S. typhi	To be absent.	Absent.
11.3	S. aureus	To be absent.	Absent.
11.4	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
 Mr. A.A. Marathe.	 26/07/2023 Mr. G. D. Kshirsagar.	 26/07/2023 Dr. R. B. Ingle
QC Analyst	Q.C. Manager	QA Manager