

Certificate of Analysis

Product	Ferrous Gluconate
Grade	IP

Sr.No	Description of Test	Specification/Limits	Result
1	Description	Greenish yellow fine powder, Odour resembling to that of burnt sugar.	Greenish yellow fine powder
2	Identification	Test A: Passes to I.P Test Test B : Passes to I.P Test	Complies
3	Appearance of Sooin	As per I.P	Complies
4	Solubility	Freely soluble in water. More Readily soluble on warming, almost insoluble in alcohol.	Complies
5	pH	Limit 4.0 to 5.5	4.36
6	Loss on drying	Limit 5% to 10.0%	8.7%
7	Chloride	NMT 625ppm	Complies
8	Sulphate	NMT 500ppm	Complies
9	Arsenic	NMT 2 ppm	Complies
10	Reducing sugar	Limit to pass the test	Complies
11	Barium	No turbidity is produced.	Complies
12	Oxalic Acid	No turbidity is produced.	Complies
13	Heavy metals	NMT 20ppm	Complies
14	Microbial Contamination	NMT 10 CFU/gm	Complies
15	Ferric Ion	NMT 1 %	0.35%
16	Assay	95% to 102% on dry basis.	97.65%

Note: All the specifications are based on manufacturer's COA