



204, President Plaza, Nr.-New York Tower, Thaltej Cross Road, S. G. Highway,
Ahmedabad-380054, Gujarat (India)

PRODUCT :- Ferrous Gluconate BP

*	Test	Specifications
1	Chemical formula	C ₁₂ H ₂₂ FeO ₁₄ .xH ₂ O
2	Molecular weight (Anhydrous)	446.1 gms
3	Appearance	Greenish-yellow or grey powder or granules.
4	Solubility	Freely but slowly soluble water giving a greenish-brown solution, more readily soluble in hot water, practically insoluble in ethanol (96%).
5	Identification	As per BP
6	Solution S	As per BP
7	Appearance of solution	As per BP
8	pH	4.0 to 5.5
9	Sucrose & reducing sugar	As per BP
10	Chlorides	N.M.T. 0.06%
11	Oxalates	As per BP
12	Sulphates	N.M.T. 500 Ppm
13	Arsenic	N.M.T. 2 Ppm
14	Barium	As per BP
15	Ferric ion	N.M.T. 1.0%
16	Heavy metals	N.M.T. 20 Ppm
17	Loss on drying	5.0% to 10.5%
18	Microbial contamination	As per BP
19	Assay (Dried)	11.8% to 12.5%