



MANGANESE GLUCONATE

Sr. No.	TESTS		SPECIFICATION	
			USP	BP
1.	Description		----	White or pale pink, slightly hygroscopic, crystalline powder
2.	Solubility		----	Soluble in water, practically insoluble in anhydrous ethanol, insoluble in methylene chloride
3.	Assay		98.0% to 102.0%	98.0% to 102.0%
4.	Identification		As per USP	As per BP
5.	Appearance of Solution		----	As per BP
6.	Chloride		NMT 0.05%	MAX 500 ppm
7.	Sulfate		NMT 0.2%	MAX 500 ppm
8.	Heavy Metals		NMT 20 ppm	MAX 10 ppm
9.	Lead		NMT 10 ppm	----
10.	Zinc			MAX 50 ppm
11.	Reducing Substance		NMT 1.0%	----
12.	Water Determination	Dried form	3.0% to 9.0%	MAX 9.0%
		Dihydrate form	6.0% to 9.0%	
13.	Sucrose and Reducing Sugars		----	As per BP
14.	Microbial Contamination	Total Viable Aerobic Count	----	NMT 10 ³ Microorganisms per gram