

Sorbitol

NO	Properties	Value
1	Appearance (Characteristic)	Clear, Colorless, Syrupy Liquid Miscible with Water
2	identification (A) HPLC Chromatogram (B) Optical Rotation (C) Clarity @ 25 ⁰ c	As per Test +1.50 ⁰ to +3.50 ⁰ Clear syrupy liquid @ 25 ⁰ c
3	Appearance of Solution	The solution is clear and colorless
4	Conductivity	Maximum 10 μ S cm ⁻¹ measured on the Undiluted liquid sorbitol at temp of 20 ⁰ c
5	Lead	0.5 ppm (MAX)
6	Nickel	1.0 ppm (MAX)
7	Reducing Sugar	Not less than 12.8 ml of 0.05M Sodium Thiosulphate
8	Reducing Sugar After Hydrolysis	Not less than 8.0 ml of 0.05M Sodium Thiosulphate
9	Water	28.0 to 32.0%
10	Assay (dry solid)	Anhydrous Substance 68% to 72m/m

11	Assay (as D-Glucitol or D-Sorbitol)	72% to 92.0% as D-Glucitol or D-Sorbitol (Anhydrous Substance)
12	Arsenic	Not more than 1 ppm
13	Total Heavy Metal as lead	Not more than 10 ppm
14	Total Count	200CFU/GM Max
15	Yeast +Mould	100CFU/GM Max
16	E.Coli	Negative
17	Salmonella	Negative