

SPECIFICATION FOR

SORBITOL SOLUTION 70% BP

[NON CRYSTALLIZING GRADE]

Sr. No.	Parameters	Specification
1	Description (Characteristic)	Clear, Colourless, Syrupy Liquid Miscible with water.
2	Identification (A) HPLC Chromatogram (B) Optical Rotation (C) Clarity @ 25° C	As per Test +1.50° to +3.50° Clear syrupy liquid @ 25°C
3	Appearance of Solution	The solution is clear and colourless
4	Conductivity	Maximum 10 $\mu\text{S.cm}^{-1}$ measured on the Undiluted liquid sorbitol at temp. of 20° 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 72 m/m
11	Assay (as D-Glucitol or D-Sorbitol)	72% to 92.0% as D-Glucitol or D-Sorbitol (Anhydrous Substance)