



SPECIFICATION

PRODUCT: SORBITOL 70% (IP GRADE)

Sr. No.	Parameter	Specifications
1.	Description	A clear colorless liquid to faintly yellow liquid
2.	Identification	Positive for test
3.	Solubility	Miscible with water, Glycerine & 1,2 propane-diol
4.	Taste	Mild Sweet
5.	Specific Gravity at 25°C	1.285
6.	Refractive Index at 20°C	1.455 – 1.465
7.	Acidity or Alkalinity	NMT 0.2ml of 0.01M NaOH or NMT 0.3ml of 0.01M HCL Solution as per specified test in IP
8.	Reducing Sugar	NLT 12.8ml of 0.05M Sodium Thiosulphate solution should be consumed as per specified test in IP
9.	Optical Rotation	+1.5° to +3.5° (as per scheduled test in IP)
10.	Clarity & Color	10% Solution should be clear and colorless
11.	Arsenic	NMT 2 ppm
12.	Heavy Metals	NMT 10 ppm
13.	Chloride	NMT 50 ppm
14.	Sulphate	NMT 125 ppm
15.	Nickel	NMT 1 ppm
16.	Sulphated Ash	NMT 0.1% w/w
17.	Solid Matter	68% to 78% w/w
18.	Polyols	NLT 62% w/w (Calculated as D-Glucitol)
19.	Total Plate Count	1000 cfu/g maximum
20.	Yeast and Mould Count	100 cfu/g maximum

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