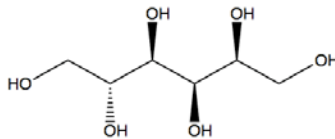


## SPECIFICATION OF SORBITOL POWDER

<b>Test Result</b>			
Serial Number	Test Item	Standard	Result
1	Appearance	White powder or granular	Eligible
2	Assay,%	= 99	99.5
3	water, %	= 1	0.50
4	Sorbitol content, %	= 98.0	98.8
5	Total sugar, %	= 0.3	0.04
6	Reducing sugar, %	= 0.1	0.06
7	Density	= 1.45	1.48
8	Specific rotation	4.0-7.0	4.9
9	Ph,(50% solution)	5.0-7.0	6.3
10	Residue on Ignition, %	= 0.1	< 0.1
11	Heavy metal (As Pb),ppm	= 5	< 5
12	Nickel, ppm	= 1	< 2
13	Arsenic(as As) ,ppm	= 1	< 2
14	Lead ,ppm	= 0.5	< 0.5
15	Chloride, ppm	= 10	< 10
16	Sulphate, ppm	= 20	< 20
17	Total bacillus	100pcs /1g	63
18	Colon bacillus	Not absent/1g	Eligible



Formula-C6H14O6

Sorbitol is largely used as a humectant in many types of products to maintain moisture content. The moisture-stabilizing and textural properties of sorbitol are used in the production of confectionery, baked goods and chocolate where products tend to become dry or harden. Its moisture-stabilizing action protects these products from drying and maintains their initial freshness during storage.