

ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in

CERTIFICATE OF ANALYSIS

1. Name of the Product	SORBITOL SOLUTION 70%
2. CAS No	50-70-4
3. Batch Number & Mfg Date	As mentioned on Label
4. Date of Exp	3 Years from Mfg Date.
5. Date Of Analysis	June-2024

Sr No	TEST	RESULTS	SPECIFICATION
1	Characteristics	Clear, Colourless, Syrupy Liquid Miscible with water and alcohol	Clear, Colourless, Syrupy Liquid Miscible with water and alcohol
2	Identification		
	(A) HPCL Chromatogram	Complies	As per Test
	(B) Optical Rotation	+1.95°	+ 1.50° to +3.50°
	(C) Clarity @ 25° C	Complies	Clear syrupy liquid @ 25° C
3	Appearance of Solution	Complies	The solution is clear & colourless
4	Conductivity	2.5 $\mu\text{S. cm}^{-1}$	Not more than 10 $\mu\text{S. Cm}^{-1}$ at temp. of 20°C.
5	Lead	Complies	0.5 ppm (Max)
6	Nickel	Complies	1.0 ppm (Max)
7	Reducing Sugar	14.30 ml.	Not less than 12.8 ml of 0.05M Sodium Thiosulphate
8	Reducing Sugar After Hydrolysis	12.00 ml.	Not less than 8.0 ml of 0.05M Sodium
9	Water	29.80	28.0 to 32.0 %
10	Assay (as D-Glucitol or D- Sorbitol)	85.12	72.0 to 92.0 % (on dry substance)
11	Total Viable Count	50 cfu/gm Max	500 cfu/gm Max.
12	Total Fungal Count	30 cfu/gm Max	150 cfu/gm Max
13	E. Coli	Absent	Absent/gm
14	Salmonella	Absent	Absent/gm

OPINION: The above material passes /complies as per IP- /BP- /USP- specification