



KASYAP

SWEETNERS PRIVATE LIMITED
(Formerly KASYAP SWEETNERS LIMITED)
SPREADING THE SMILES

CERTIFICATE OF ANALYSIS

SORBITOL SOLUTION 70% NON - CRYSTALLIZING

Description

Sorbitol Solution is used in a wide variety of oral care, pharmaceutical, soaps, paints, food, confections, industrial applications. Typically, sorbitol solution is used as a bulking agent, sweetener, and humectant.

Batch Details

Batch No..... 2526P858

Manufacturing date : 31 - Dec - 2025

No. of Container with Quantity.

Batch size : 22000.00 Kg

Expiry date : 30 - Dec - 2030

..... 80 x 275.00 Kg

S. NO	TEST	SPECIFICATION	RESULT
1	Description	Clear, Colourless, Syrupy liquid	Clear, Colourless, Syrupy liquid,
2	Identification	Miscible with water	Miscible with water
	A. Presence of Sorbitol	A deep pink or wine-red color appears	Passes the test
	B. Examine the Chromatogram Obtained in the Assay	The principal peak in the Chromatogram Obtained with test solution is similar in retention time to the principal peak in the Chromatogram obtained with reference solution.	Complies
	C. Limit of Diethylene Glycol and Ethylene Glycol		
	(1) Diethylene Glycol	Max. 0.10 %	0.004%
	(2) Ethylene Glycol	Max. 0.10 %	Not detected
3	Appearance of solution	Clear & colorless	Clear & colorless
4	Conductivity	Max. 10 μScm^{-1}	0.9 μScm^{-1}
5	pH (14 % Sol.)	5.0 to 7.5	6.2
6	Specific Gravity at 25°C	Min. 1.280 g / mL	1.295 g / mL
7	Reducing Sugars	Not less than 12.8 mL 0.05 N sodium thio sulphate required	19.3 mL of 0.05 N sodium thio sulphate is consumed
8	Reducing Sugar after Hydrolysis	Not less than 8.0 mL of 0.05 M Sodium thiosulphate is required	10.1 mL of 0.05 M sodium thio sulphate is consumed
9	Lead (Pb)	Max.0.5 ppm	Not detected
10	Limit of Nickel	Not more than 1 $\mu\text{g/g}$	Below detection limit (DL: 0.04 $\mu\text{g/g}$)
11	Additional test Arsenic	Less than 2.0 ppm	Less than 2.0 ppm
12	Water Content	28.5 % to 31.5%	29.6%
13	Content Anhydrous Substance	68.0 % to 72.0%	70.4%
	D-Sorbitol (100% DS)	72.0 % to 92.0%	83.2%
	D-Sorbitol (as Is)	Not less than 45.0%	58.6%
14	Residue on ignition	Max 0.1%	0.02%
15	Microbiology Total aerobic microbial count	Max. 500 cfu / mL	10 cfu / mL
	Total Yeasts & Molds	Max. 100 cfu / mL	< 10 cfu / mL
16	Specified Pathogens		
	- <i>Staphylococcus aureus</i>	Should be absent	Absent
	- <i>Pseudomonas aeruginosa</i>	Should be absent	Absent
	- <i>Salmonella</i>	Should be absent	Absent
	- <i>Escherichia coli</i>	Should be absent	Absent
	- <i>Candida albicans</i>	Should be absent	Absent
	- <i>Bile tolerant gram negative bacteria</i>	Should be absent	Absent

REMARKS: In the opinion of the under signed, the product complies as per USP - NF 2025 & In-house specification.


V 31/12/26

Prepared by
(Analyst - Quality control)


08/01/26

Approved by
(Dy. Manager - Quality control)