
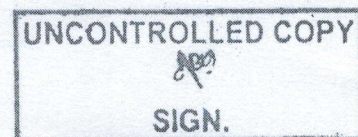
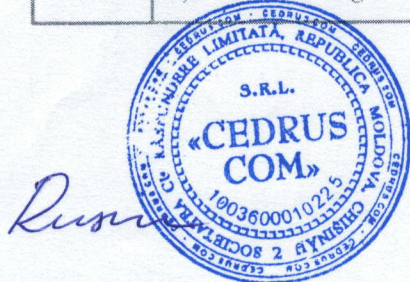
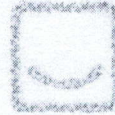


Page 2 of 2	KASYAP SWEETNERS LTD. VAPI		
	Quality Control Dept.		
	STANDARD OPERATING PROCEDURE		
Title	SPECIFICATION - SORBITOL SOLUTION 70% NON CRYSTALLIZING -BP/EP		
Specification No.	KSL/QC-FP/SPC/04/R-3	Supersede No.	KSL/QC/SPC/04/R-2
Effective date	01/04/2022	Next Review date	31/03/2025

SR.NO	TEST	SPECIFICATION
1.	Description	Clear colorless syrupy liquid, miscible with water.
2.	Identification	
	A. Examine the chromatograms obtained in the assay.	The principal peak in the Chromatogram obtained with the test solution is similar in retention time to the principal peak in the Chromatogram obtained with reference solution (a)
	B. Optical rotation	+1.5 ^o to +3.5 ^o
	C. Clarity	It is a clear, syrupy liquid at a temperature of 25 ^o C.
3.	Appearance of solution	The solution is clear and colorless.
4.	Conductivity	Maximum 10 μ S.cm ⁻¹
5.	Reducing Sugars	Not less than 12.8 mL of 0.05 M Sodium thiosulphate is required and maximum 0.2 % calculated as glucose equivalent.
6.	Reducing sugars after hydrolysis	Not less than 8.0 mL of 0.05 M Sodium thiosulphate is required and maximum 9.3 % calculated as glucose equivalent.
7.	Lead by AAS	Maximum 0.5 ppm
8.	Nickel by AAS	Maximum 1.0 ppm.
9.	Water	28.0 % to 32.0 %
10.	Assay Anhydrous substance D-Sorbitol (by HPLC) On anhydrous basis	68.0% to 72.0%. 72.0% to 92.0%.
Additional Test : (To be performed if customer required)		
11.	Microbiological analysis A) Total aerobic microbial count B) Total Yeast and mold count C) Pathogens i) <i>Escherichia Coli</i> ii) <i>Salmonella Abony</i> iii) <i>Pseudomonas Aeruginasa</i> iv) <i>Staphylococcus Aureus</i> v) <i>Candida Alicans</i> vi) <i>Bile tolerant gram negative bacteria</i>	Not more than 1000 cfu/mL Not more than 100 cfu/mL Should be absent Should be absent Should be absent Should be absent Should be absent Should be absent





KASYAP
SWEETNERS LIMITED
SPREADING THE SMILES

CERTIFICATE OF ANALYSIS

SORBITOL SOLUTION 70% NON CRYSTALLISING - BP

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 Detail

Batch No..... 2223P606

Manufacturing date : 17 - Jan - 2023

No. of Container with Quantity.

Batch size : 24300.00 Kg

Expiry date : 16 - Jan - 2028

..... 81 x 300.00 Kg

S. NO	TEST	SPECIFICATION	RESULT
1	Description	Clear, Colourless, Syrupy liquid Miscible with water	Clear, Colourless, Syrupy liquid, Miscible with water
2	Identification A. 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 (a)	Complies
	B. Optical rotation	Between+ 1.5° and +3.5°	+1.9°
	C. Color & Clarity	It is clear syrupy liquid at 25°C	Passes the test
3	Appearance of solution	Solution is clear & colourless	Solution is clear & colourless
4	Conductivity	Max. 10 µScm ⁻¹	0.8 µScm ⁻¹
5	Reducing sugars	Not less than 12.8ml of 0.05M Sodium Thiosulphate is required .	15.2 ml of 0.05M sodium thio sulphate is consumed
6	Reducing sugars	Max. 0.2% calculated as glucose equivalent	0.17%
7	Reducing Sugar after Hydrolysis	Not less than 8.0 ml of 0.05M Sodium thio sulphate is required.	11.3 ml of 0.05M sodium thio sulphate is consumed
8	Reducing Sugar after Hydrolysis	Max. 9.3% calculated as glucose equivalent	6.6%
9	Lead	Max.0.5ppm	Not detected
10	Nickel	Max. 1ppm	Not detected
11	Water	28.0% to 32.0%	29.5%
12	Assay Anhydrous Substance D - Sorbitol (by HPLC) (as on anhydrous basis)	68.0% to 72.0% 72.0% to 92.0%	70.5% 85.8%

REMARKS: 1. Tests complies as per Daman Research & Testing Centre, Daman vide report No. DRTC / 03432 / 22 - 23
2. In the opinion of the undersigned, the Product complies as per BP - 2019 specification.

(Signature)
24/01/23

(Ashok Yadav)
ANALYSED BY

(Signature)
24/01/23

(Tukaram Masal)
(LAB INCHARGE)



KOSHER CERTIFICATE

July, 13, 2021
4 Av 5781
Serial Number: G5B17JZ573



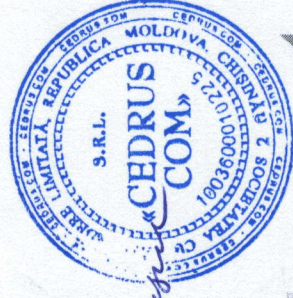
בית דין צדק דק"ק בריטויש קלמביא

ת"ס

The following products are certified Kosher with the listed restrictions and can be sold by Kasyap Sweetners of Mumbai, Maharashtra, INDIA

Name	UKD	Status	Restriction
Liquid Glucose	KC7C15W2G1V7	Pareve	Symbol
Sorbitol 70% Solution	KCGA831182Y2	Pareve	Symbol
Sorbitol 70% Solution Additional Restrictions: Batch 1617P249 Only	KC4W86856W45	Pareve	None

Notes: Products Produced at: Kasyap Sweetners Limited - Badnawar Chetanya Gram, Badnawar, Dist Dhar, Madhya Pradesh & Kasyap Sweetners Limited - Vapi Plot No 20C, Phase I GIDC, Dist Valsad Vapi, Gujrat



This certificate is VALID UNTIL July, 31, 2023

אברהם פייגלסטוק

Feigelstock, Rabbi Avraham, Av Beis Din

Kosher Checked. Globally Accepted.

The above stated products are certified kosher when bearing either  or  symbols.