

GULSHAN POLYOLS LTD.

(An ISO 9001:2015 Certified Company)

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FM-552940

CERTIFICATE OF QUALITY AND QUANTITY (CERTIFICATE OF ANALYSIS)

Product: SORBITOL 70 %SOLUTION LAST VERSION OF BP/USP PHARMA GRADE. NON CRYSTALLINE

Batch No.:BN-04660623

Date of Mfg.: 19/06/2023

Expiry Date: 18/06/2028

Batch size: Drums (160 x 300 kgs.)

Dispatch Qty: Drum (80x300kgs)

Invoice No.& Date : 100 / DT 03/07/2023

A.R.No.: S-BN-0466/Q.C./2023

Date of Dispatch: 03/07/2023

Cont. No. : GLDU 394 149 [6]

Mfg. Lic. No.: G/1439

Party Name: M/S IMPEX MIDDLE EAST FZCO [U.A.E.]

SR.NO.	TESTS	LIMITS	OBSERVATION
1.	Characters	A clear, colorless, syrupy liquid, miscible with water	A clear colorless, syrupy liquid, miscible with water
2.	Identification	A The principal peak in the chromatogram obtained with the test solution is similar in retent on time to the principle peak in the chromatogram obtained with reference solution (a) B Angle of rotation is +1.5 to +3.5 C It is clear, syrupy liquid at a temp. of 25° C	Complies Complies Complies
3.	Appearance of solution	The solution is clear & colorless	Complies
4.	pH(50%aqueous solution)	5.0-7.5	5.75
5.	Specific gravity(25°c)	Min.1.285	1.299
6.	Refractive index(20°c)	1.455-1.465	1.459
7.	Conductivity	NMT 10 µs/cm	1.68 µs/cm
8.	Reducing sugars	Maximum 0.2 %	0.173 % w/w
9.	Reducing sugars after hydrolysis(Total sugar)	Maximum 9.3%	5.92 % w/w
10.	Lead	Maximum 0.5 ppm	Less than 0.5 ppm
11.	Heavy Metals	Maximum 10ppm	Less than 1 ppm
12.	Arsenic	Maximum 2ppm	Less than 1 ppm
13.	Chloride	Maximum 50 ppm	Less than 3 ppm
14.	Sulphate	Maximum 125 ppm	Less than 3 ppm
15.	Nickel	Maximum 1 ppm	Less than 1 ppm
16.	Residue on ignition.	Maximum 0.10%w/w	0.0198 % w/w
17.	Water	Between 28% to 32%	29.45 % w/w
18.	Assay: D-Glucitol (on anhydrous basis)	Between 72% to 92%	87.58 % w/w
19.	Ethylene glycol	Max 0.1%	Complies
20.	DiEthylene glycol	Max 0.1%	Complies
21.	Dry Substance	Between 68.0% to 72%	70.55 % w/w
22.	Aerobic Microbial Count	<100 cfu/ml	< 10 cfu/ml
23.	Yeast & mold	< 10 cfu/ml	< 10 cfu/ml
24.	E Coli	Should be Absent	Absent
25.	Salmonella	Should be Absent	Absent
26.	Staphylococcus aureus	Should be Absent	Absent

Remarks: The sample complies as per above specification.

Balwant
Tested by

E
Checked by

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Approved by

CORPORATE OFFICE : G-81, PREET VIHAR, DELHI-110 092.

BRANCH OFFICE : • AHMEDABAD • MUMBAI • HYDERABAD • MADRAS • BENGLORE • MUZAFFAR NAGAR