

CERTIFICATE OF ANALYSIS

Product : Sorbitol 70 %
Batch No. : PN-08331124
Date of Mfg.: 07/11/2024
Expiry Date : 06/11/2029
Batch size : Drums (160 x 300 kgs.)
Dispatched Qty.: Drums (31 x 300 kgs)

A.R.No.: S-PN-0833/Q.C./2024
Mfg. Lic. No.: G-1439
Vehicle No.: GJ 16AW 4995
Date of Dispatch: 17/11/2024
FSSAI LICENSE NUMBER: I0014021001302

Party Name: : M/S RAJESHWARI DYE CHEM PVT LTD. [BHIWANDI]

R.NO.	TESTS	SPECIFICATION	OBSERVATION
1.	Characters	A clear, colourless, syrupy liquid, miscible with water	A clear colourless, syrupy liquid, miscible with water
2.	Identification	A In the Assay The principal peak in the chromatogram obtained with the test solution corresponds to the peak in the chromatogram obtained with reference solution (a) B Diethylene glycol and Ethylene glycol (NMT 0.1%) C Dissolve 4 g of solrbitol solution in 75 ml water Transfer 3 ml of the solution to a test tube. Add 3 ml of freshly prepared solution of catachol (1 in 10) and mix. Add 6 ml sulphuric acid ,mix again and gently heat and tube in a flame for 30 second Deep pink or wine red colour produced	Complies with I.P..-2022. Complies with I.P..-2022. Complies with I.P..-2022.
3.	Appearance of solution	The solution is clear & colorless	Complies with I.P..-2022.
4.	Conductivity	NMT 10 μ s/cm	1.65 μ s/cm
5.	Reducing sugars	Maximum 0.2 %	0.173 % w/w
6.	Reducing sugars after hydrolysis	Maximum 9.3%	5.54% w/w
7.	Lead	Maximum 0.5 ppm	Less than 0.5 ppm
8.	Nickel	Maximum 1 ppm	Less than 1 ppm
9.	Water	Between 28% to 32%	29.31 % w/w
10.	Ethylene glycol	Max 0.1%	0.051 %
11.	Di-Ethylene glycol	Max 0.1%	Not detected.
12.	Assay A D-glucitol (on anhydrous basis) B. Assay (as anhydrous sub.)	Between 72% to 92% Between 68% to 72%	88.17w/w 70.69 % w/w

Remarks: The material complies as per above specification.

Tested by

Approved by
Salvant.