



**GUJARAT AMBUJA EXPORTS LIMITED**

**NURTURING BRANDS**

## **CERTIFICATE OF ANALYSIS**

PRODUCT: SORBITOL 70% (NC) BP  
BATCH NO:  
MANUFACTURING DATE:  
EXPIRY DATE: TWOYE ARS OF THE DATE OF THE PRODUCTION  
REF NO: , DATE:

SR. No	Test	Observations	Limits
1	DESCRIPTION	Complies	A clear, colourless or faintly yellow, syrupy liquid
2	SOLUBILITY	Complies	Miscible with water, with glycerine and with 1,2-propanediol
3	IDENTIFICATION(A)HPLC chromatogram	Complies	Corresponds to principal peak of reference solution(a)
	(B)Optical Rotation	+2.70 <sup>0</sup>	+1.50 <sup>0</sup> to +3.50 <sup>0</sup>
	(C) Clarity @25° C	Clear	It is clear Syrupy liquid
4	APPEARANCE OF SOLUTION	Clear and colourless	A 14.0% w/v solution in water is clear and colorless
5	CONDUCTI VITY	1.4	NMT 10 µS/cm, measured on undiluted liquid sorbitol while gently stirring with a magnetic stirrer
6	REDUCING SUGARS	0.159	NMT 0.2%, calculated as glucose equivalent and NLT 12.8 ml of 0.05M Sodium thio-sulphate
7	REDUCING SUGARS AFTER HYDROLYSIS	6.48%	NMT 9.3%, calculated as glucose equivalent and NLT 8.0 ml of 0.05M Sodium thio-sulphate
8	LEAD	BLQ (LOQ-0.05)	NMT 0.5 PPM
9	NICKEL	BLQ (LOQ-0.05)	NMT 1 PPM
10	WATER	30.4	28.0% to 32.0%
11	ASSAY:		
	(I) ANHYDROUS SUBSTANCE	69.6	68.0% to 72.0%
	(II) D-GLUCITOL	77.6	72.0% to 92.0% w/w of D-glucitol, calculated on the anhydrous basis by Liquid Chromatography
12	Total Aerobic Viable Count	75	1000 cfu/g Max.
13	Total Fungal Count	<10	100 cfu/g Max.
14	Arsenic	BLQ (LOQ-0.05)	NMT 2ppm
15	Salmonella	Absent	Absent/20g
16	Staphylococcus Aureus	Absent	Absent
17	E-Coli	Absent	Absent

Place: Ahmedabad  
Date:

**For, Gujarat Ambuja Exports Ltd**

**Authorised signatory**

