CERTIFICATE OF QUALITY AND QUANTITY (CERTIFICATE OF ANALYSIS)

Product: SORBITOL SOLUTION 70 % U.S.P.NON CRYSTALLINE

BuyerName: AVRASYA KIMYASAL HAM MADDELERI DIS TICARET A.S. [TURKEY]

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 A deep pink colour or wine red colour appear B The retention time of the major peak form the sample solution correspond to that of the std solution as obtained in the assy C limit of di ethylene glycol and ethylene glycol NMT 0.1	Complies Complies Complies
3.	PH (14% Soln)	5 to 7.5	5.76
4.	Residue on ignition	NMT 0.1 % w/w	0.0199 %
5.	Reducing sugars (as glucose on anhydrous basis)	NMT 0.3 %w/w	0.175 % w/w
6.	Lead	Maximum 0.5 ppm	Less than 0.5 ppm
7.	Nickel	Maximum 1 ppm	Less than 1 ppm
8.	Water	Between 28.5 % to 31.5 %	29.43 % w/w
9.	Assay A D-glucitol (on as such basis)	NLT 45 %w/w	61.66 % w/w
10.	Mannitol	Maximum 2.0%	1.66 % w/w
11.	Total plate count	<1000 cfu/ml	< 10 cfu/ml
12.	Ethylene glycol	Max 0,1%	0.049%
13.	DiEthylene glycol	Max 0.1%	Not detected.
14.	Yeast & mold	< 100 cfu/ml	< 10 cfu/ml
15.	E Coli	Should be Absent	Absent
16.	Salmonella	Should be Absent	Absent