



# SIAM SORBITOL CO., LTD



## PRODUCT NAME : SUPERSOL 7000 (SORBITOL SOLUTION : CRYSTALLISING GRADE)

Properties	Specifications	Test Methods	Test Frequency
Appearance	Clear, Colorless, Odorless, Syrupy liquid and Sweet taste	In house Method	1/ Lot
pH (14% solution)	5.0 – 7.5	Glass Electrode	1/ Lot
Conductivity	NMT 10 $\mu$ s/cm	Conductivity Meter	1/ Lot
Refractive Index at 20°C	1.457 – 1.462	Refractometer	1/ Lot
Specific Gravity at 25°C	NLT 1.290	Density Meter	1/ Lot
Water Content	28.5 – 31.5%	Calculated from Sp.Gr.	1/ Lot
Sorbitol Content	NLT 64.0%	HPLC	1/ Lot
Reducing Sugars	NLT 12.8 ml of 0.05 M $\text{Na}_2\text{S}_2\text{O}_3$	BP	1/ Lot
Residue on ignition	NMT 0.1%	USP	1/ Lot
Chloride	NMT 35 ppm	BP	1/ Lot
Sulfate	NMT 80 ppm	BP	1/ Lot
Nickel	NMT 1 ppm	JSFA / BP	1/ Lot , 1/ Year
Arsenic	NMT 2.5 ppm	USP	1/ Year
Lead	NMT 0.5 ppm	BP	1/ Year
Microbiological Test :			
Total plate count	NMT 100 cfu/g	Plate Count Method	1/ Lot
Molds and Yeasts	NMT 100 cfu/g	Plate Count Method	1/ Lot
E. coli	Negative	Plate Count Method	1/ Lot
Other Microbes.	Following the requirements from customer.	-	-

Complied with USP, BP, Ph.Eur., FCC, TISI, JSFA



QA Manager