## **Career Henan Chemical Co**

Room 702, Floor 7, Building 10, National University Science Park, High-Tech Zone, Zhengzhou City, Henan Province

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Product Name:	SORBITOL	CAS NO:	50-70-4
Molecular Formula:	C6H14O6	Constitutional Formula :	
Molecular Weight:	182.17		
Manufacture date:	2019.05.31		
Batch No.:	20190531		
Expiration date	2021.05.30		
Items	Specifications	Te	est Results
Characteristics	Clear, colorless, syrupy liquid	Complied	
Identification	Conforms	Complied	
Assay	69.5.0% min	70.2%	
Sorbitol(dry basis):	75-85% min	82.3%	
Reducing sugars	0.25% max	0.11%	
Total sugars	6-9% max	7.9%	
PH (50% aq.sol.)	5.0 - 7.0	6.5	
Specific gravity at 25/25 deg C	1.295 min	1.303	
Refractive index at 20 deg C	1.455 min	1.459	
Residue on ignition	0.1% max	Complied	
Heavy metals	5ppm max	Complied	
Nickel	1ppm max	Complied	
Lead	0.5ppm max	Complied	
Arsenic	1ppm max	Complied	
Chloride	10ppm max	Complied	
Sulphate	50ppm max	Complied	
Total bacterium	100pml max	Complied	
Colon bacillus	Absent in 1ml	Complied	
Resist and freeze testing	-18 $^{\circ}$ C 48 hours no crystallization	Complied	
Conclusion	The sorbitol liquid product meets requirement of: USP30, BP2011, FCCv		



质检部

Supervisor:

