

**SORBITOL HKSC18**

**Product Description**

D-sorbitol, CAS: 50-70-4

The product appears to be white or off-white crystalline powder which is hydrogenated, refined and crystallized from Glucose. It conforms to GB 1886.187-2016, JECFA, FCC, EU, etc standards.

**Sensory**

Items	Specification	Test method	Analysis type
Sense	White crystalline powder or granule	GB 1886.187	Each batch

**Physical and Chemical Properties**

Items	Unit	Specification	Test method	Analysis type
Sorbitol (on dry basis)	w/%	≥97.0	GB 1886.187, FCC, JECFA	Each batch
Water	w/%	≤0.8	GB 5009.3, FCC, JECFA	Each batch
Reducing Sugar (as glucose)	w/%	≤0.3	GB 1886.187, FCC, JECFA	Each batch
Total sugar(as glucose)	w/%	≤1.0	GB 1886.187, JECFA	Each batch
Residue on Ignition	w/%	≤0.1	GB 1886.187, FCC, JECFA	Each batch
Melting point	℃	95.0~98.0	GB/T 617, JECFA	Type Test

**Health indicators**

Items	Unit	Specification	Test method	Analysis type
Sulfates (as SO <sub>4</sub> <sup>2-</sup> )	mg/kg	≤100	GB 1886.187, JECFA	Each batch
Chlorides (as Cl <sup>-</sup> )	mg/kg	≤50	GB 1886.187, JECFA	Each batch
Heavy Metals ( as Pb )	mg/kg	≤5	GB 5009.74	Type Test
Lead	mg/kg	≤0.5	GB 5009.12, FCC	Each batch
Arsenic	mg/kg	≤0.5	GB 5009.11	Type Test
Nickel	mg/kg	≤1.0	GB/T 5009.138, FCC	Each batch
Aerobic Plate Count	CFU/g	≤100	GB 4789.2	Type Test
Yeasts	CFU/g	≤10	GB 4789.15	Type Test
Moulds	CFU/g	≤10	GB 4789.15	Type Test
Escherichia Coli	MPN/g	< 3.0	GB 4789.38	Type Test
Salmonella		Absent in 25g	GB 4789.4	Type Test

**Particle Size By Sieving**

Items	Unit	Specification	Test method	Analysis type
Retained on 1000 Mic.(#18 mesh)	%	≤5.0	SOP-QM-228	Type Test
Retained on 200 Mic.(#75 mesh)	%	≥95.0	SOP-QM-228	Type Test

Note: SOP-QM-228 is Huakang method.

**Packaging Specifications**

25kg/bag, 800kg/bag, etc.

**Storage and shelf life**

Stored in sealed containers and be placed at dry and ventilated place.

The shelf life is 36months.