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## Technical Data Sheet

### Basic information

Chemical name Sorbitol 70%

Synonyms D-Glucitol; D-Sorbit; D-Sorbitol;

CAS.No. 50-70-4;98201-93-5

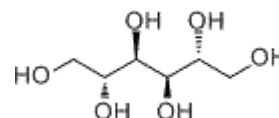
EINECS No. 200-061-5

HS Code 3824600000

Formula

C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>

Chemical structure



Molecular weight 182.17

### Physical properties

Appearance Colorless viscous liquid

Flavour A little sweet

Optical With optical activity

Solubility Water absorbability, can dissolve many kinds of metals.

### Specification

Items	Toothpaste grade	BP/USP standard
Characters	Clear, colorless, syrupy liquid	Clear, colorless, syrupy liquid
Total solids,%	69.0-71.0	≥68. 0
Residue On Ignition,%	≤0.10	≤0.10
D-Sorbitol As dry substance	≥50.0	≥67. 0
Specific Gravity,	1.285-1.315	≥1. 290
Reducing suger,%	≤0.21	≤0. 15
Total sugar,%	≤8. 0	≤0. 5
Heavy metals,%	≤0.0005	≤0.0005
Arsenic,%	≤0.0002	≤0.0001
Ni,%	≤0.0002	≤0.0001
Iron, %	/	≤0. 0001
Sulphate,%	≤0. 005	≤0. 005
Lead,%	≤0.0001	≤0.0001
PH	5.0-7.5	5.0-7. 0
Chloride,%	≤0. 001	≤0. 005
Total bacterium	/	100p/ml max
Colon bacillus	/	Absent in 1ml
Conductivity in 50% DS, μ s/cm	/	≤10 (Aqua. Sol)
Specific Rotation,°	/	≤+5.3

### Application

Industry filed	To Synthesis resin & plastic;
	Used as gas chromatographic stationary liquid, thickening agent, curing agent, pesticides.etc.
	Used as gas chromatographic stationary liquid, separation and analysis of low boiling point class

	oxygenated compounds.
<b>Food filed</b>	Used as toothpaste, cosmetics, tobacco wet agent
	Nutritional sweetener, wetting agent, chelating agent and stabilizer
	Can also be used for raisins, moisturizing, alcohol, thickening of cool and refreshing drink, sweet, and candy and gum.
<b>Pharma filed</b>	As raw material to product VC;
	Diuresis dehydrant;
<b>Others</b>	Retention agent in aquaculture water;

#### Package

250kg/drum, 260kg/drum, 270kg/drum,300kg/drum; 80drums in 20'container, Total 20mt-24mt

#### Safety on transportation

It belongs to common goods, always refer to MSDS.

#### Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

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