

## SPECIFICATION OF SORBITOL POWDER

**Commodity Name:** Sorbitol Powder

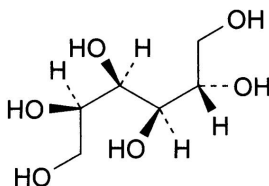
**CAS No.:** 【50-70-4】

**H.S. Code.:** 29054400

**Molecular Formula:** C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>

**Molecular Weight:** 182.2

**Molecular Structure:**



**Description:** Sorbitol, a polyol (sugar alcohol), is a bulk sweetener found in numerous food products. Sorbitol is about 60 percent as sweet as sucrose with one-third fewer calories. It has a smooth mouthfeel with a sweet, cool and pleasant taste. It is non-cariogenic and may be useful to people with diabetes.

Item	Specification
Appearance	White, Crystal Granular
Assay	≥ 99.0%
Moisture Content	≤ 1.0%
Total Sugars	≤ 0.30%
Reducing Sugar	≤ 0.10%
Specific Rotation	+4.0 ° – +7.0 °
PH Value (10%)	3.5– 7.0
Residue on Ignition	≤ 0.1%
Heavy Metals (as Pb)	≤ 5ppm
Bulk Density	0.5-0.7 g/ml
Nickel	≤ 1ppm
Lead	≤ 0.5ppm
Chlorides	≤ 0.005%
Sulphates	≤ 0.01%
Arsenic	≤ 1ppm
Total Plate Count	≤ 100 cfu/g
Molds and Yeasts	≤ 10 cfu/g

E. Coli	Negative
Salmonella sp.	Negative

**Package:** 25kg/Bag with Kraft Bag and PE inner.

**Usage:** Sorbitol has been safely used in processed foods for almost half a century. It is also used in other products, such as Food Additives, Pharmaceuticals and Cosmetics Industry.

Sorbitol has been affirmed as GRAS (Generally Recognized As Safe) by the U.S. Food and Drug Administration and is approved for use by the European Union and numerous countries around the world, including Australia, Canada and Japan.

**Storage:** Store in a cool, dry, ventilated environment.■