

SPECIFICATION

1. Chemical Name: Sorbitol Powder Food Grade

2. Formula: C₆H₁₄O₆

3. Standard: FCCVIII

4. CAS: 【50-70-4】

5. Description: Sorbitol, a polyol (sugar alcohol), is a bulk sweetener found in numerous food products. In addition to providing sweetness, it is an excellent humectant and texturizing agent.

6. Product parameter:

Characteristic	Specifications
Appearance	White powder or gran
Sorbitol content, %	91-100.5
Mannitol, %	≤1.5
Water, %	≤1.5
Reducing sugar, %	≤0.3
Total sugar, %	≤1.0
Residue on Ignition, %	≤0.1
Ph, (50% solution)	3.5-7.0
Sulphate, %	≤0.01
Chloride, %	≤0.005
Heavy metals, ppm	≤5
Arsenic (as As), ppm	≤1
Lead, ppm	≤1
Total Plate Count, cfu/g	≤100
Mold & Yeast, cfu/g	≤50
Coliforms, MPN/g	Negative
Staphylococcus, 25g	Negative
Salmonella, 25g	Negative
PACKAGING:	Powder: Packaged in multi-layer kraft paper bag with food grade PE inner bag, net 25kg/bag. (Other packaging types are available on request.
SHELF LIFE	Powder: 24 months if stored under recommended storage conditions.
STORAGE CONDITION	Should be stored in airtight container in a cool and dry place below 40°C and relative humidity less than 70%
GMO STATUS	This product is processed with non-GMO raw material, conforming to the requirements of legislation on GMOs

