

## SPECIFICATION OF XYLITOL

**Commodity Name:** Xylitol

**CAS No.:** 【87-99-0】

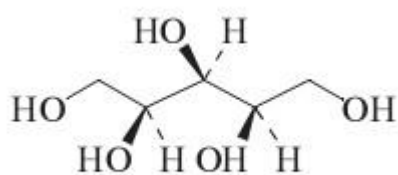
**H.S. Code:** 29054910

**Synonyms:**

**Molecular Formula:** C<sub>5</sub>H<sub>12</sub>O<sub>5</sub>

**Molecular Weight:** 152.15

**Structure:**



**Description:** Xylitol is an all-natural suger alternative that tastes and look like suger but contains less than 40% of the calories but that is where the similarities end . Xylitol allows you to indulge your “sweet tooth” in any way you like, knowing the taste is doing. Xylitol has a unique 5 carton structure which is metabolised only by friendly bacteria.

Xylitol is a white crystalline powder that is odorless, with a pleasant, sweet taste. It is gaining increasing acceptance as an alternative sweetener due to its role in reducing the development of dental caries (cavities).

**Specification:** EP/ USP Grade

**EAST CHEMSOURCES LIMITED**  
No.666 Haibin 12th Road, Huangdao, Qingdao, China

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Other Name		1,2,3,4,5-Pentahydroxypentane	
Molecular Formula	C <sub>5</sub> H <sub>12</sub> O <sub>5</sub>	Molecule Weight	152.15
Test Items		The Standard	
Identification		Meets the requirements	
Appearance		White crystalline or crystal powder	
Xylitol Assay (dry basis)		98.5%-101.0%	
Melting point		92.0℃~96.0℃	
Loss on drying (water)		≤0.20%	
Reducing sugars		≤0.10%	
Other polyols		≤1.00%	
Heavy metals		≤5mg/kg	
Arsenic		≤0.5mg/kg	
Chloride		≤50mg/kg	
Sulfate		≤50mg/kg	
pH		5.0-7.0	
Residue on ignition		≤0.10%	
Total plate count & yeastes		≤100cfu/g	
Enterobacteriaceae		Absence	
Staphylococcus aureus		Absence	
Pseudomonas aeruginosa		Absence	

**Allergenicity:** The product contains none of the ingredients of the list of allergenicity of the EC.

**Packing and Transportation:** Adopting the package of 25kg/bag with net Kraft bag and PE inner.

The transportation shall be in accordance with the requirement of general chemicals.

**Usage:** Xylitol is currently approved for use in foods, pharmaceuticals and oral health products in more than 35 countries. Xylitol is used in foods such as chewing gum, gum drops and hard candy, and in pharmaceuticals and oral health products such as throat lozenges, cough syrups, children's chewable multivitamins, toothpastes and mouthwashes. In the United States, xylitol is approved as a direct food additive for use in foods for special dietary uses

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