



JIANGSU KHONOR CHEMICALS CO.,LIMITED

TECHNICAL DATA SHEET

**Product Name:** Xylitol

**Synonyms:** 1,2,3,4,5-Pentahydroxypentane;  
Xylo-pentane-1,2,3,4,5-pentol

**Appearance:** White or almost white, crystalline powder or crystals

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

**CAS number:** 87-99-0

**HS CODE:** 29054900

**TYPICAL SPECIFICATIONS**

Description		White or almost white, crystalline powder or crystals
Identification		Infrared absorption
Solubility		Easily dissolve in water, slightly soluble in ethanol
Assay	%	98.5%-101.0%
Other Polyol (on dry base)	≤%	1.0
Reducing sugar	≤%	0.2
Melt point		92°C-96°C
Water	≤%	0.5
Residue on ignition	≤%	0.1
Heavy metals(mg/kg)	≤	5
Arsenic(mg/kg)	≤	0.5
Lead(mg/kg)	≤	0.5
Nickel(mg/kg)	≤	1
Total Plate Count(cfu/g)	≤	100
Coliform(MPN/g)	<	3
Yeast & Mold(cfu/g)	≤	100

## APPLICATIONS

### **Food and Beverages:**

Used as a low-calorie sweetener in sugar-free chewing gums, candies, baked goods, and beverages.

### **Pharmaceuticals:**

Applied in sugar-free medicines, especially in lozenges and chewable tablets.

### **Oral Care:**

Commonly used in toothpaste and mouthwash due to anti-cariogenic properties.

## PACKAGING

25 kg PP woven bags with PE liner

25 kg kraft paper bags

1000 kg jumbo bags

Custom packaging available upon request

## STORAGE & HANDLING

**Storage:** Keep in a cool, dry, and well-ventilated area, away from moisture and direct sunlight.

**Handling precautions:** Use clean equipment. Avoid contamination.

**Shelf life:** 2 years under proper storage conditions.

## SAFETY & TRANSPORT

**Classification:** Non-hazardous

**Toxicity:** Acceptable daily intake (ADI) not specified; generally recognized as safe (GRAS) by FDA

**Transport:** Not classified as dangerous goods

