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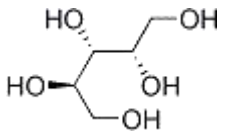
Technical Date Sheet

Basic information

Chemical name	Xylitol	Formula	C5H12O5
Synonyms	Xylitol crystal, Xylitol powder	Chemical structure	
CAS.No.	87-99-0		
EINECS No.	201-788-0		
Molecular weight	152.15		

Physical properties

Appearance	White crystalline powder
Density,g/cm3	1.515
Melting point,℃	94-97 ° C(lit.)
Boiling point	215~217℃
Solubility	SOLUBLE,H2O: 0.1 g/mL, clear, colorless

Specification

Item	Standard
Appearance	White crystalline powder
Color	≤30
Other polyols, %	≤1.00
Loss on drying, %	≤0.30
Residue on ignition, %	≤0.10
Reducing sugars, %	≤0.20
Moisture,%	≤0.50
Heavy metals,mg/kg	≤1
Arsenic, mg/kg	≤0.5
Nickel, mg/kg	≤1
Lead, mg/kg	≤0.5
Sulfate, mg/kg	≤50
Chloride, mg/kg	≤40
Melting point,℃	92.00 ~ 96.00
PH in aqueous solution	5.00 ~ 7.00
Total plate count, cfu/g	≤100
Yeasts,cfu/g	≤10
Moulds,cfu/g	≤10
Assay,%	98.50 ~ 101.00
Partical Size:	Crystal: 10~40mesh Powder: 100~200mesh

Application

Use sweetener wetting agent.	Xylitol can be used in candy, pastry and beverage instead of sugar in normal production. Xylitol can be used as sweetener and wetting agent. When used in pastries, no browning occurs. A small amount of fructose can be added to pastries that need to be browned.

Package

- 25kg/bag, 16mt per 20'ft with pallet;18~19mt per 20'ft without pallet;27mt per 40'ft container.
- 20kg/carton.10.8mt per 20'ft with pallet.

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.

***Issue Date**: 1st,12,2017*