

Xylitol

DESCRIPTION

Xylitol is a white crystalline powder having a sweet taste. It is freely soluble in water and slightly soluble in ethanol. Xylitol is manufactured without the use of Pesticides/Herbicides, Allergens, BSE/BTEs and GMO's.

Formula: $C_5H_{12}NO_5$
Molecular Weight: 152.15

Flashpoint: Not Applicable

SUGGESTED USES

Foods, Sugar Free Chewing Gum, Confectionery, Oral Hygiene Products (Mouthwash and Toothpaste), Pharmaceuticals, Dietetic Products, Cosmetics.

SPECIFICATIONS

Test Item	Specification
Appearance	White crystal granule / powder
Sensory	Clean Sweet Taste, No Unusual Odor
pH	5.0 – 7.0
Loss on Drying	≤ 0.2%
Assay (Dried Basis)	99.5% - 100.5%
Melting Point	119° C – 123° C
Residue on Ignition	≤ 0.1%
Reducing Sugars	≤ 0.3%
Ribitol and Glycerol	≤ 0.1%
Lead	≤ 1 ppm
Arsenic	≤ 2 ppm

FORMS

Powder

PACKAGING

25-kg Kraft paper bag, 500kg or 1000 kg container.

SHIPPING & HANDLING

Recommended to be shipped in an odor-free environment. Low humidity conditions are recommended to minimize caking/degradation potentials.

STORAGE

Store in well closed containers in a dry environment.

SHELF LIFE

The shelf life of this material is 2 years from the date of manufacture if stored in recommended conditions.

This material is Kosher, Parve and Halal Certified.

