

Xylitol XP 100

DESCRIPTION

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

Formula: $C_5H_{12}O_5$

CAS: 87-99-0

EINECS:201-788-0

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.

Test Item	Specification	Test Method / Reference
Appearance	White crystal powder	Current GB
Sensory	Sweet Taste, No Unusual Odor	Current GB
Assay (on dry basis)	98.5-101.0%	Current GB, FCC, JECFA
Other Polyols	≤ 1.0%	Current GB, FCC, JECFA
Reducing Sugar(as glucose)	≤ 0.2%	Current GB, FCC, JECFA
Water	≤ 0.3%	Current GB, FCC, JECFA
Melting Point	92-96 °C	Current JECFA
Residue on Ignition	≤ 0.1%	Current GB, FCC, JECFA
pH(10% w/v solution)	5.0-7.0	Current EP
Conductivity(on 20% d.s. at 20 °C)	≤ 20	Current EP
Heavy Metals(as Pb)	≤ 5 mg/kg	Current GB
Lead	≤ 0.5 mg/kg	Current GB, FCC
Arsenic	≤ 0.5 mg/kg	Current GB
Nickel	≤ 1.0 mg/kg	Current GB, FCC
Aerobic Plate Count	≤ 100 CFU/g	Current GB
Yeasts	≤ 10 CFU/g	Current GB
Molds	≤ 10 CFU/g	Current GB
E. coli	< 3.0 MPN/g	Current GB
Salmonella	Negative/25g	Current GB
Particle Size	Retained on 60 Mesh ≤ 1.0% Retained on 100 Mesh ≤ 10% Through 150 Mesh ≤ 10%	Internal

FCC = Food Chemical Codex

GB= China National Standard Method

EP= European Pharmacopoeia

JECFA = Joint FAO/WHO Expert Committee on Food Additives

MPN = Most Probable Number

CFU = Colony Forming Units



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CONFORMITY WITH

Food Chemicals Codex
This material is Kosher Pareve and Halal Certified

PACKAGING

25-kg bag with PE liner or as otherwise agreed upon

SHIPPING & HANDLING

Transport under cool, dry conditions.

STORAGE

Stored in sealed containers and be placed at dry and ventilated place, where the Relative Humidity is less than 75%.

SHELF LIFE

The shelf life of this material is 2 years from the date of manufacture if stored in a cool, dry environment.

LOT CODE EXPLANATION

Example Lot: XP2230001
XP = Product Code
2 = Production Line 2
23 = Year Manufactured: 2023
0001 = Batch Manufactured

NUTRITIONAL DATA

Nutrient	Per 100 grams
Energy (kcal)	240
Protein (g)*	0
All Fats (g)	0
Carbohydrates (g)	≥99
Sugars (g)	0
Dietary Fiber (g)	0
Cholesterol (mg)	0
Moisture(g)	0.2
Sodium (g)	≤0.1

This data is calculated from standard analytical data.
The zero values are based on process knowledge and raw materials used.
Xylitol is chemically pure and contains no additives, preservatives or colors.

