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PRODUCT DATA

XYLITOL FCC/USP

Item #: XY500
CAS No: [87-99-0]

M.Wt: 152.15
M.Fm: C₅H₁₂O₅

Chemical Description: 1,2,3,4,5-Pentahydroxypentane

Description:

White crystals or crystalline powder. Xylitol is found in most fruits and berries, as well as in vegetables. It has a sweet taste and produces a cooling sensation in the mouth. One g dissolves in about 0.65 mL of water. It is sparingly soluble in alcohol.

Applications: Nutritive sweetener.

Specifications:

Identification	.....	Per requirement
Assay (dry basis)	.....	98.5 - 101.0%
Moisture	.....	≤ 0.5%
Reducing Sugars (as glucose)	.....	≤ 0.2%
Other Polyols	.....	≤ 2.0%
Heavy Metals (as Pb)	.....	≤ 10 ppm
Melting Range	.....	92 - 96°C
Arsenic	.....	≤ 3 ppm
Lead	.....	≤ 1 ppm
pH in Aqueous Solution	.....	5.0 – 7.0
Residue on Ignition	.....	≤ 0.5%

Shelf Life: 4 years

Packaging and Storage:

Preserved in 25 kg bags. Store in well-closed containers in a dry place.

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