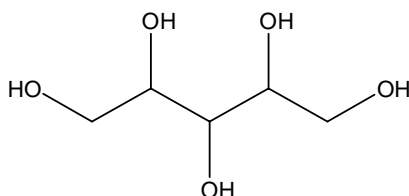


XYLITOL HIGH PURITY

Product Code 775-2001

CAS No. [87-99-0]



Xylitol
C₅H₁₂O₅
M.W. 152.15

DESCRIPTION

APPEARANCE	White, crystalline powder
ORGANOLEPTIC PROPERTIES	Practically odorless with cool and very sweet taste

PHYSICAL DATA

ASSAY (HPLC)	99.8% min. 101.0% max.
MELTING RANGE	92 to 96 ^o C
PARTICLE SIZE	8 – 80mesh (typically, see remark)
pH	5 – 7 (10% w/v aq.)
SOLUBILITY	Soluble in water; Sparingly soluble in ethanol
LOSS ON DRYING	0.5% max.
SULPHATED ASH	0.1% max.
REDUCING SUGARS	0.2% max. (as glucose)
OTHER POLYHYDRIC ALCOHOLS	1% max.
NICKEL	2ppm max.
ARSENIC	3ppm max.
LEAD	1ppm max.
HEAVY METALS	10ppm max. (as Pb)
CHLORIDES	100ppm max.
SULPHATES	200ppm max.

Relevant values are expressed on dry weight base
Various mesh sizes can be provided according to the customer request

Hong Kong: Suite 1704, Chinachem Tower No. 34-37 Connaught Road, Central, Hong Kong
Tel: (852)2527-1031; Fax: (852)2529-0231; Email: olcorphk@hkstar.com
U.S.: O'Laughlin Industries Inc., 150 Morris Ave Suite 207, Springfield, NJ 07081, Tel: (973)376-4600,
Fax: (973)376-4630, Email: joeschreiber@olaughlin.us
Europe: Aako B.V., Arnhemseweg 87, P.O. 205, 3830 AE Leusden, Holland; Tel: (31)33-4948494; Fax:
(31) 33-4948044; Email: info-AAKO@e-mail.com
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000-Brazil; Tel: 55-35017504; Fax: 55-11-35017534 ;Email: neusa.amorim@olaughlin.com.br



MICROBIOLOGY

TOTAL PLATE COUNT	100cfu/g max.
YEAST AND MOULDS	10cfu/g max.
<i>E. coli</i>	Absent in 10g
<i>Salmonella sp.</i>	Absent in 25g
TOTAL COLIFORMS	Absent in 1g
<i>STAPHYLOCOCCUS AUREUS</i>	Absent in 10g
FOREIGN MATTERS, CONTAMINANTS	Absent

NUTRITIONAL VALUE

ENERGY	300kcal/100g
PROTEIN	0g/100g
CARBOHYDRATE	100.0g/100g
FAT	0g/100g
SODIUM	1mg/100g

GENERAL INFORMATION

USES As sweetener in flavors; in oral care products; as oral nutrient; in anticaries preparations etc.

SHELF LIFE 24 months in room temperature

SAFETY DATA Material Safety Data Sheet available upon request

LAST UPDATE September 2005

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