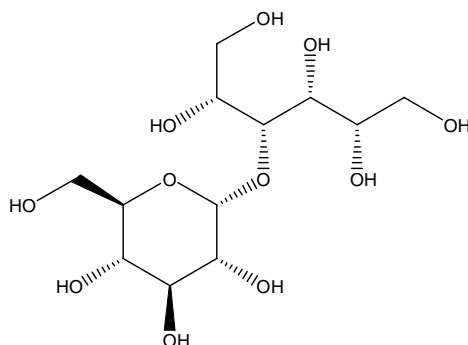


MALTOLIN CRYSTALLINE

Product Code 775-2007

CAS No. [585-88-6]



D-Maltitol;
 4-O-α-D-glucopyranosyl-
 D-glucitol
 $C_{12}H_{24}O_{11}$
 M.W. 344.31

DESCRIPTION

<p>APPEARANCE</p> <p>ORGANOLEPTIC PROPERTIES</p>	<p>White, crystalline powder</p> <p>Practically odorless with a sweet and cool taste</p>
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PHYSICAL DATA

ASSAY (HPLC)	98.0% min.
MELTING RANGE	148 to 151°C
OPTICAL ROTATION (20°C)	+105.5 to +108.5°
PARTICLE SIZE	40 – 120mesh
MOISTURE	1% max.
SOLUBILITY	Soluble in water
SULPHATED ASH	0.1% max.
REDUCING SUGARS	0.1% max.
NICKEL	2ppm max.
LEAD	1ppm max.
HEAVY METALS	10ppm max.
CHLORIDES	50ppm max.
SULPHATES	100ppm max.

Relevant values are expressed on dry weight base

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MICROBIOLOGY

TOTAL PLATE COUNT	100cfu/g max.
YEASTS	10cfu/g max.
MOULDS	10cfu/g max.
<i>E. coli</i>	Absent in 1g
<i>Salmonella sp.</i>	Absent in 10g
FOREIGN MATTERS, CONTAMINANTS	Absent

NUTRITIONAL VALUE

ENERGY	240kcal/100g
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GENERAL INFORMATION

SHELF LIFE	24 months in room temperature
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<u>SAFETY DATA</u>	Material Safety Data Sheet available upon request
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<u>LAST UPDATE</u>	September 2005
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