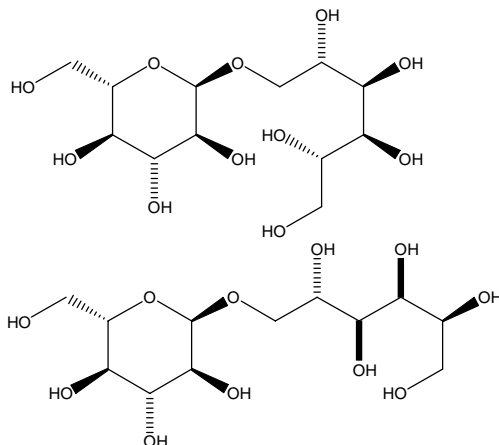


ISOMALTOLIN

Product Code 775-2006

CAS No.
[64519-82-0]



6-O-α-D-Glucopyranosyl-D-sorbitol mixture with 1-O-α-D-Glucopyranosyl-D-mannitol
C₁₂H₂₄O₁₁
M.W. 344.31

DESCRIPTION

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

PHYSICAL DATA

ASSAY (HPLC)	98.0%
GPS	47-53%
GPM	47-53%
DRY SUBSTANCE	98%
REDUCING SUGARS	0.3% max.
IMPURITIES	D-Mannitol 0.5% max. D-Sorbitol 0.5% max.
ASH	0.05% max.
GRANULOMETRY	Max. 2% <0.5mm Max. 2% >3.55mm
pH	3 – 7
MOISTURE	7% max. (crystallization water)
NICKEL	2ppm max.
ARSENIC	0.2ppm max.
LEAD	0.3ppm max.
COPPER	0.5ppm max.
HEAVY METALS	10ppm max.

Relevant values are expressed on dry weight base

Hong Kong: Suite 1704, Chinachem Tower No. 34-37 Connaught Road, Central, Hong Kong

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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	Keep tightly closed; Store in a cool dry place 24 months
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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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