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PRODUCT SPECIFICATION

PRODUCT: GLUCOSE SYRUP

Sugarflair product code: D801

Sugarflair Barcode: 0634158910296

This product contain the following:

GLUCOSE SYRUP

Characteristics

Test		Unit of measure	Specification range	Typical value	Method
Dry substance	(*)	%	80,5 - 81,5		Refractometer (+ conversion)
Brix 20 °C	(*)		82,9 - 83,9		Refractometer (+ conversion)
Refractive index 20 °C	(*)		1,4984 - 1,5011		Refractometer (+ conversion)
Dextrose equivalent (DE)	(*)		40,0 - 43,0		Lane-Eynon
Dextrose	(*)	%/ds	16,0 - 20,0		HPLC
Maltose	(*)	%/ds	12,0 - 16,0		HPLC
Maltotriose	(*)	%/ds		11,5	HPLC
Higher sugars	(*)	%/ds		55,5	HPLC
Sulfites (SO ₂)	(*)	mg/kg	<= 10,0		Iodine titration
pH diluted (1/1)	(*)		4,0 - 5,5		pH-meter
Colour Icumsa	(*)	IC	<= 20		Spectrophotometer
Conductivity at 28 °Brix	(*)	µS/cm	<= 150		Conductivity meter
Total mesophylic count (n/10g)	(*)	n/10g	<= 1000		Membrane filtration
Yeasts (n/10g)	(*)	n/10g	<= 100		Membrane filtration
Moulds (n/10g)	(*)	n/10g	<= 100		Membrane filtration
Recommended storage temp	(*)	°C		50-65	Thermometer
GMO status	(*)		Not Genetically		

Parameter	Unit		Value
Dry Matter	%	M	81
Moisture	%	C	19
Water Activity	-	C	0.71
Energy value	kJ	C	1377
Energy value	kcal	C	324
Protein	g	M	<0.02
Carbohydrate	g	M	81
of which			
sugars	g	C	25.9
dextrose	g	M	14.6
fructose	g	M	0
maltose	g	M	11.3
saccharose	g	M	0
polyols	g	L	0
starch	g	M	0
Fibre	mg	L	0
Fat	g	L	0
of which			
saturates	g	L	NM
mono-unsaturates	g	L	NM
polyunsaturates	g	L	NM
cholesterol	g	L	NM
transfatty acids	g	L	NM
Minerals			
sodium	mg	M	<4.0
salt	mg	C	<10.0
calcium	mg	M	<5.0
chloride	mg	M	<5.0
phosphorus	mg	M	8
potassium	mg	M	<10.0
iron	mg	M	<0.3
magnesium	mg	M	<2.0
zinc	mg	M	<0.4
copper	mg	M	<0.1
manganese	mg	M	<0.01
fluoride	mg	M	<2.0
selenium	µg	M	<20.0
chromium	µg	M	<5.0
molybdenum	µg	M	<10.0
iodine	µg	M	<20.0

Parameter	Unit		Value
Vitamins			
vitamin A	µg	L	ND
vitamin C	mg	L	ND
vitamin D	µg	L	ND
vitamin E	mg	L	ND
vitamin K	µg	L	ND
thiamin	mg	L	ND
riboflavin	mg	L	ND
niacin	mg	L	ND
vitamin B6	mg	L	ND
folic acid	µg	L	ND
vitamin B12	µg	L	ND
biotin	µg	L	ND
pantothenic acid	mg	L	ND

Conversion factors for the calculation of energy				
Based on Regulation (EU) n°1169/2011 on the provision of food information to consumers				
carbohydrates (except polyols)	4.0	kcal/g	17.0	kJ/g
polyols	2.4	kcal/g	10.0	kJ/g
protein	4.0	kcal/g	17.0	kJ/g
fat	9.0	kcal/g	37.0	kJ/g
fibre	2.0	kcal/g	8.0	kJ/g
alcohol	7.0	kcal/g	29.0	kJ/g

Remarks

All values are expressed per 100 g

Values are typical values

NA Not applicable

C Calculated

M Measured

L Literature

NM Not measured

ND Not detectable

STORAGE CONDITIONS: Store glucose syrup in a dry place away from sunlight. The product is not affected by temperature variation.

SHELF LIFE: Once opened use within six months.
See product for best before date.

Signed.....A.D.Tinsley
Date 23/04/2026