

product number : 855911 **GN code :** 17025000
product name : Crystalline fructose-type C - bag 25 kg
version: 2 **Valid from:** 23-05-2020

Product description

Food grade crystalline fructose, which is processed from high fructose corn syrup (conforms to the EP, USP, FCC and Codex Alimentarius requirements)

Ingredients

fructose

Origin

maize (corn)

Properties

PHYSICAL AND CHEMICAL PROPERTIES

	<u>Min</u>	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Fructose	99.5			w%w on ds	BSCH036
pH	5.0	7.0		sol. 1:10	BSCH001
Moisture (KF)		0.2		%	BSCH017
Specific rotation	-93.5	-91.0		°	/
Sulphated Ash		0.1		%	BSCH053
5-HMF		40		ppm	BSCH007
Colour		20		icumsa 420 nm	BSCH023
Acidity		0.5		ml	Titration with 0.02N NaOH
SO ₂		10		ppm	BSCH213
Bulk density loose	800	1000		g/dm ³	Gravimetric
Calcium		5		ppm	/
Sulphate		50		ppm	BSCH210
Chloride (Cl)		40		ppm	/
Crystal size	80%>200	25%>600		µm	BSCH101

MICROBIOLOGICAL PROPERTIES

	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Total mesophylic count	100		/g	ISO 4833
Yeasts	10		/g	ISO 7954
Moulds	10		/g	ISO 7954
Coliforms	neg.		/g	ISO 4831
E. coli	neg.		/g	ISO 7251
Staphylococcus aureus	neg.		/g	TS 6582-1 EN ISO 6888-1
Salmonella	neg.		/50 g	ISO 6579
Enterobacteria	10		/g	ISO 7402
Bacillus cereus	10		/g	ISO 7932
Listeria monocytogenes	neg.		/25g	TS EN ISO 11290-1

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Nutritional values

Average nutritional value per 100 gram product (calculated)

Energy	:	398	kcal
Energy	:	1663	kJ
Fats	:	0	g
Carbohydrates	:	100	g
Sugars	:	100	g
Protein	:	0	g
Fibre	:	0	g
Salt	:	0	g

Shelf life

General Shelf life of this product is minimum 24 month(s) after production.

Storage conditions

	Min	Max	Optimum
Temperature °C			25
Rel. humidity %		60	

Advice Keep dry in closed original packaging in a clean environment. The 'first-in, first-out' stock management principle should be followed.

Extra info Fructosan is acceptably stable to air and heat, but it is hygroscopic.

Quality guarantees

GMO-Declaration: We confirm that this product does not contain any ingredient, additive or flavour extracted or derived from genetically modified organisms. Therefore, no additional specific GMO labelling is required according to the current European regulation.

Declaration of non-ionisation: Nor this product, nor its ingredients, have been treated by ionising radiation.

Food safety: Belgosuc NV is FSSC 22000 certified by an external body.

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