



Specification

Product Name: Glucose Syrup
Product Code: SPEC0030
Origin: Wheat

Description:

Our Glucose syrup (sometimes referred to as Corn Syrup) is a premium quality, natural, simple liquid sugar product, free from artificial colours and flavours. Glucose Syrup is very versatile, mainly used together with sugar as a sweetener it will improve the colour, flavour, texture and stability of many foods. It is odourless and can be used in a variety of baking products including cakes, desserts, confectionery, preserves and jam making. Used in jams and fruit preparations it will improve the taste of the fruit and its stability. It is an essential product for ice cream and royal icing as it will enhance the softness, it will also help to keep cakes soft, moist and spongy. It can be added to drinks to sweeten and enhance the flavour and will mix easily with various food ingredients. Our Glucose Syrup has a DE value of 42.

Specifications:

Physical and Chemical Properties					
	<u>Min</u>	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Brix	82.1	85.2		°Bx (20°C)	BSCH011
Total solids	79.5	82.5		w%w (20°C)	BSCH011
pH	3.5	5.5		sol. 1:1	BSCH001
Colour			< 25	icumsa 420 nm	BSCH023
SO ₂		10		ppm	BSCH213
DE	37	44		w%w on ds	BSCH033
Density			1.43	kg/dm ³ 20°C	BSCH014
Density			1.40	kg/dm ³ 40°C	/

Microbiological Properties				
	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Total mesophylic count	10000		/10g 30°C	BSMI001
Yeasts	1000		/10g 25°C	BSMI011
Moulds	1000		/10g 25°C	BSMI011



Composition			
	<u>Avg.</u>	<u>Unit</u>	<u>Method</u>
Dextrose	17	w%w on ds	BSCH036
Maltose	13	w%w on ds	BSCH036
Maltotriose	13	w%w on ds	BSCH036
Higher sugars	57	w%w on ds	BSCH036

Compliance to European Regulations:

- Council Directive 2001/111/EC of 20 December 2001 relating to certain sugars intended for human consumption and amendments;
- Regulation (EC) No 178/2002 of the European parliament and of the council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety and amendments;
- Regulation (EC) No 852/2004 of 29 April 2004 as amended on the hygiene of foodstuffs;
- Regulation (EC) No 1935/2004 of 27 October 2004 on materials and articles intended to come into contact with food and amendments;
- Regulation (EC) No 396/2005 of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amendments;
- Regulation (EC) No 2073/2005 of 15 November 2005 on microbiological criteria for foodstuffs and amendments;
- Commission Regulation (EU) 2023/915 of 25 April 2023 on maximum levels for certain contaminants in food and amendments;
- Regulation 2023/2006/EC of 22 December 2006 and amendments on good manufacturing practice for materials and articles intended to come into contact with food;
- Regulation 10/2011/EC of 14 January 2011 and amendments relating to plastic materials and articles intended to come into contact with foodstuffs;
- Regulation (EU) n°1169/2011 of 25 October 2011 as amended on food information to the consumers;

Ingredients:

Glucose Syrup.

Dietary Information:

Suitable for Vegans & Vegetarians, Non-GMO, Gluten Free, Non-Irradiated.

Nutritional Information:

Based on typical content/100g: Energy: 1377Kj/324kcal, Fat: 0g, Of Which saturates 0g, Carbohydrate: 81g, Of Which Sugars: 24g, Protein: 0g, Salt: 0g.

Storage:

Store in dry, cool conditions and not in direct sunlight.

Packaging:

Size	EAN
1kg	5056191010019

Shelf Life:

24 months from production date.

Allergen Declaration

Allergen	Contains (Y/N)
Cereals containing Gluten	N
Crustaceans	N
Eggs	N
Fish	N
Peanuts	N
Soybeans	N
Milk	N
Nuts	N
Celery	N
Mustard	N
Sesame Seeds	N
Sulphur Dioxide and Sulphites (at concentration of more than 10mg/kg or 10mg/L in terms of Sulphur Dioxide)	N
Lupin	N
Molluscs	N

Material Safety Data Sheet**Concerning Product: SPEC0030 Glucose Syrup**

Regarding the use of the supplied material in food, feeding stuffs and medicinal products, we confirm that there is no legal requirement to have MSDS documents available according to the:

- REACH Regulation (EU) n°1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;
- CLP regulation (EU) n°1272/2008 on classification, labelling and packaging of substances and mixtures.

The supplied material is exempted from registration under REACH, not meeting the criteria for classification as hazardous and falls out of the scope of both REACH and CLP regulations.