

	<b>Shepcote Distributors Ltd</b> Pexton Road Kelleythorpe Industrial Estate, Driffield East Yorkshire, YO25 9FR	Tel: 01377 252537 Email: <a href="mailto:technical@shepcote.com">technical@shepcote.com</a> www: <a href="http://www.shepcote.co.uk">www.shepcote.co.uk</a>
	<b>Product Specification</b>	

## Syral Dextrose (Meritose)

### Product description

Dextrose monohydrate, produced by enzymatic hydrolysis of starch, followed by a purification, concentration, crystallization and drying. It is a white powder with a refreshing sweet taste and bland odour.

### Ingredients

dextrose

### Origin

wheat

### Properties

#### PHYSICAL AND CHEMICAL PROPERTIES

	<u>Min</u>	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Moisture	7.0	9.0		%	/
Dextrose	99.5			w%w on ds	BSCH036
DP2+		0.5		w%w on ds	BSCH036
SO2		10		ppm	BSCH213
pH	3	6		sol. 1:1	BSCH001
Conductivity		20		µS/cm C28	BSCH051
Black specks		10		n/100g	Visual
Bulk density compacted	600	875		g/dm <sup>3</sup>	Gravimetric
Bulk density loose	550	850		g/dm <sup>3</sup>	Gravimetric
Particle size	70%>53	40%>250		µm	BSCH103
Particle size	10%>150	80%>150		µm	BSCH103

#### MICROBIOLOGICAL PROPERTIES

	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Total mesophylic count	1000		/10g 30°C	BSMI001
Yeasts	100		/10g 25°C	BSMI011
Moulds	100		/10g 25°C	BSMI011
Salmonella	neg.		/25 g	ISO 6579

### Nutritional values

Average nutritional value per 100 gram product (calculated)

Energy	:	368	kcal
Energy	:	1564	kJ
Protein	:	0	g
Carbohydrates	:	92.0	g
Sugars	:	91.8	g
Polyols	:	0	g
Starch	:	0	g
Fats	:	0	g
Fibre	:	0	g
Sodium	:	< 2	mg
Salt	:	0	g

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### Shelf life

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

**Extra info** The shelf life is printed as "Best before date" on the packaging.

### Storage conditions

	Min	Max	Optimum
Temperature °C			20
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** Storage away from odourous materials.  
Avoid pressure on the bags.

### 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;
- Regulation (EC) No 1881/2006 of 19 December 2006 as amended setting maximum levels for certain contaminants in foodstuffs (such as heavy metals, mycotoxins, dioxin, 3 MCPD, ...) 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;

### 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:** The supplier is FSSC 22000 certified by an external body.

Customer			
Name	Position	Signature	Date

Please sign and return a copy of this specification within two weeks of receipt. Failure to do so will be deemed as customer acceptance

Shepcote Distributors Ltd			
Name	Position	Signature	Date
Jurate Jundulienė	Quality Manager		17.10.23

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