



**Shepcote Distributors Ltd**  
Pexton Road  
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East Yorkshire, YO25 9FR

Tel: 01377 252537  
Email: [technical@shepcote.com](mailto:technical@shepcote.com)  
www: [www.shepcote.co.uk](http://www.shepcote.co.uk)

### Product Specification

Product Information		
Product Name	Cerelose Dextrose Monohydrate (02001)	
Product Description	Crystalline a-D-glucose (dextrose) monohydrate	
Ingredient	% in Mixing Bowl	Country of Origin
Dextrose (made from corn (maize) or wheat)	100	Spain, Germany, Italy
Ingredient Declaration		
Ingredients: Dextrose		
Pack Size(s) - Bulk	Product Code	Pack Size
	5501125	25kg

Shelf Life & Storage Conditions		
Maximum Shelf at Packing	730	Days
Minimum Life on Receipt (MLOR)	90	Days
Storage Temperature on Delivery	Ambient	
Storage Instructions	Store in a cool dry place out of direct sunlight	

Microbiological Standards			
Test	Target	Acceptable	Reject
Total Plate Count	<300 cfu/g	300 cfu/g	>300 cfu/g
Yeasts	<100 cfu/g	100 cfu/g	>100 cfu/g
Moulds	<50 cfu/g	50 cfu/g	>50 cfu/g
Staphylococcus aureus	Absent	Absent	Present
Salmonella	Not detected in 25g	Not detected in 25g	Detected

Chemical Standards			
Test	Target	Acceptable	Reject
Moisture	8.75%	8% – 9.5%	Outside Range
Chloride	<50 mg/kg	50 mg/kg	>50 mg/kg
Dx (on d.b.)	>99.5%	99.5	<99.5%
Sulphur dioxide	<10 mg/kg	10mg/kg	>10mg/kg
Sulphated ash (on d.b.)	<0.25%	0.25%	>0.25%

Sensory Details	
Appearance	White powder
Aroma	Typical of dextrose with no objectionable or off odours
Taste	Typical of dextrose with no objectionable or off odours
Texture	Free following particles, substantially free from lumps

Physical Standards			
Parameter	Target	Acceptable	Reject
Granulometry (<100 µm)	<35%	35%	>35%
Granulometry (>500 µm)	<10%	10%	>10%

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Bulk Packaging		
	Primary	Secondary
Material	Paper or Plastic Bags	Not applicable
Closure Method	Heat Seal or Glue	Not applicable

Nutritional Information	
Parameter	Per 100g
Energy (kJ)	1547
Energy (Kcal)	364
Protein (g)	0
Available Carbohydrates (g)	91
Of Which Sugars (g)	91
Fat (g)	0
Of Which Saturates (g)	0
Salt (g)	0.1
Fibre (g)	0

Source: Supplier Specification

Allergens			
Component (and products thereof)	Contains (Bulk)	Handled at Shepcote	Comments
Cereals containing gluten	N	<input checked="" type="checkbox"/>	
Crustaceans	N	<input type="checkbox"/>	
Eggs	N	<input checked="" type="checkbox"/>	
Fish	N	<input type="checkbox"/>	
Peanuts	N	<input checked="" type="checkbox"/>	
Soybeans	N	<input checked="" type="checkbox"/>	
Milk	N	<input checked="" type="checkbox"/>	
Nuts	N	<input checked="" type="checkbox"/>	
Celery	N	<input checked="" type="checkbox"/>	
Mustard	N	<input checked="" type="checkbox"/>	
Sesame	N	<input checked="" type="checkbox"/>	
Sulphur Dioxide >10 mg/kg	N	<input checked="" type="checkbox"/>	
Lupin	N	<input type="checkbox"/>	
Molluscs	N	<input type="checkbox"/>	

Y = Contains, N = Does Not Contain, MC = May Contain

Suitable for	
Group	Bulk
Vegetarian	Yes
Vegan	Yes
Kosher (Certified)	Yes
Halal (Certified)	Yes

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#### Other Intolerances and/or Food Groups

Component	Contains		Comments
	Yes	No	
Genetically Modified Organisms (GMO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Irradiated Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Hydrogenated Fat/Oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Palm Oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Maize or Maize Derivatives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Corn
Vegetable & Vegetable Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Yeast & Yeast Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Seeds, Seed Oil & Seed Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fruit & Fruit Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Flavouring, Colours or Preservatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Beef, Pork, Lamb, Poultry & Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Gelatine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other Animal Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Added Sugar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Product is sugar
Added Salt	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Mono Sodium Glutamate (MSG)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Artificial Colours Including Azo Dyes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
BHA/BHT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kiwi	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cinnamon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cocoa	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Coriander	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

#### Product Classification

CN Code (Valid for EU 28)	1702 30 50
CAS No	77938-63-7
EC No	200-075-1

#### Functionality

Clear, sweet flavour (relative sweetness at 10% d.s.: 75)
Significant cooling effect
High fermentability
Good stability (no inversion)
High osmolarity
High browning effect (maillard reaction)

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#### Application

This product is a general purpose monohydrate dextrose used in a high number of food products such as:  
bakery products (cakes, biscuits, cookies, icings, breads, crackers, fillings, wafers)  
ice cream and frozen desserts  
dairy products (chocolate drinks, milkshakes, yoghurt, desserts)  
meat products (sausages, hams, corned beef, salami)  
spices and seasonings  
convenience food (baby foods, drink powders, pudding powders, ready meals, cake mixes)

Signed for and on behalf of			
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

Signed for and on behalf of Shepcote Distributors Ltd			
Name	Position	Signature	Date
Jurate Junduliene	Quality Manager		30.10.23