

## C☆Dex™ 02403

### DESCRIPTION

Crystalline α-D-glucose (dextrose) anhydrous

### RAW MATERIAL

Corn (Maize)

Wheat

### PRODUCT LABEL

Package labelling Anhydrous dextrose

Ingredients [Listed in Descending Order] Dextrose

### PRODUCT CLASSIFICATION

CN Code (EU) 1702 30 50

CAS No 50-99-7

EC No 200-075-1

### Country of Origin

Germany

### SPECIFICATIONS

#### Chemical/physical specifications

Parameter		Unit	Min	Typical	Max	Text
Moisture	-	%			1	
Dx	on d.b.	%	99.5			
Granulometry	> 500 µm	%			1	
Raw material	-					
Sulphur dioxide	-	mg/kg			10	

#### Microbiological specifications

Parameter		Unit	Min	Typical	Max	Text
Total plate count	/g				300	
Yeasts	/g				100	
Moulds	/g				50	
Salmonella	/25g					absent
Staphylococcus aureus	/g					absent

#### Typical product data

Parameter		Unit	Typically
Chloride	-	mg/kg	25
D.E.	Lane Eynon		99.8
Heat of solution	25°C	J/g	-59
Solubility	water, 25°C	%	51
Sulphated ash	on d.b.	%	0.03

**Allergens (Legal directives)**
**Allergen information**

	<b>Presence</b>	<b>Comment</b>
Wheat and products thereof	No	No, if product is produced from Maize. Yes, if product is produced from Wheat.
Cereals containing gluten and products thereof	No	* gluten <20 mg/kg
Crustaceans and products thereof	No	
Eggs and products thereof	No	
Fish and products thereof	No	
Peanuts and products thereof	No	
Soybeans and products thereof	No	
Milk and products thereof (including lactose)	No	
Nuts and products thereof	No	
Celery and products thereof	No	
Mustard and products thereof	No	
Sesame seeds and products thereof	No	
Sulphur dioxide and sulphites	No	** SO2 <10 mg/kg
Lupins and products thereof	No	
Molluscs and products thereof	No	

The above list of allergens is in accordance with Annex II of Regulation (EU) n° 1169/2011 on food information to consumers

The above list of allergens is in accordance with Food Allergen Labeling and Consumer Protection Act (FALCPA)

The above list of allergens is in accordance with Health Canada, the Canadian Food Inspection Agency (CFIA)

\*\* Sulphur dioxide max 10ppm allergen labelling not required according to Annex II of Regulation (EU) n° 1169/2011 on food information to consumers.

\* Wheat-based glucose syrups including dextrose, wheat-based maltodextrins and products thereof (such as polyols) are exempted from allergen labelling according to Annex II of Regulation (EU) n° 1169/2011 on food information to consumers.

**Dietary information**

<b>Suitable for</b>	<b>Certified</b>		<b>Comment</b>
Halal	Yes	Yes	
Kosher	Yes	Yes	
Lacto-vegetarian	Yes	No	
Ovo-vegan	Yes	No	
Vegan	Yes	No	
Vegetarian	Yes	No	

**GMO statement**

For its operations in Europe, Cargill complies with the EU GMO requirements as principally laid down under EC Regulation No 1829/2003 on 'genetically modified food and feed' and EC Regulation No 1830/2003 on 'the traceability and labelling of food and feed products produced from GMO's'. By ensuring the supply of conventional ingredients in the EU, Cargill thus ensures that there is no need to label its products under either 1829/2003 or 1830/2003.

## Legal requirements

This product is in compliance with:

Directive 2001/111/EEC - certain sugars intended for human consumption

REGULATION (EC) No 1935/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 October 2004 on materials and articles intended to come into contact with food (as amended)

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 (as amended)

REGULATION (EC) NO 396/2005 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin (as amended)

REGULATION (EC) No 852/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 29 April 2004 on the hygiene of foodstuffs (as amended)

Status pursuant to USDA 7 CFR Part 66 National Bioengineered Food Disclosure Standard ("BE" status):

The product has been sourced from a non-bioengineered source and the inadvertent presence of BE is less than 0.9%.

COMMISSION REGULATION (EU) 2023/915 on maximum levels for certain contaminants in food (as amended)

## STANDARD PACKAGING

Bulk

Paper Bags

FFS Bags

## RECOMMENDED STORAGE CONDITIONS

Store inside, under dry conditions

## SHELF LIFE FOR PACKED PRODUCT

Shelf life after production date (months): 24

Minimum remaining shelf life after delivery (months): 12

## COMMENTS TO SHELF LIFE

The specified shelf life can only be guaranteed for this product if the above mentioned recommended storage conditions are respected. For products delivered in bulk, there should be a clean storage (and circulation) system, protected from any potential contamination.

## 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)
- easily grindable (perfect to use in anhydrous substances)
- very high purity (recrystallised product)
- free water control

## APPLICATION

This product is a general purpose anhydrous dextrose with a fine granulometry used in high quality food products such as:

- bakery fillings
- spices
- instant drink powders
- health food
- baby food and powder
- nutritional food and powder

Country of origin definition:

Country of Origin or product origin is defined as the country where the material was manufactured/produced/cultivated.

When the material undergoes substantial transformation in a second country, the country in which the transformation is performed shall be considered the country of origin.

Disclaimer:

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## C★Dex™ 02403

Nutritional Information					
Average values per 100g	Unit	EU	US	Japan	Comment
Energy (kcal)	kcal	400	400	400	
Energy (kJ)	kJ	1700	1700	1700	
Protein	g	0	0	0	
Carbohydrates	g	99	99	99	
of which sugars	g	99	99	99	
of which starch	g				
of which polyols	g	0	0	0	
of which dietary fibre	g	0	0	0	
Fat	g	0	0	0	
of which saturated	g	0	0	0	
of which Trans Fat	g	0	0	0	
Cholesterol	mg	0	0	0	
Sodium	mg	5	5	5	
Salt	mg	12.5	12.5	12.5	
Calcium	mg	0	0	0	
Iron	mg	0	0	0	
Vitamin C	mg	0	0	0	
Water	g	1	1	1	
Ash	g	0	0	0	

The list comprises relevant nutritional components only.

Values are calculated based on the average of product specifications. In those cases where only a minimum or a maximum value is specified, these values were taken respectively.

The EU column lists the nutritional values in accordance with Regulation (EU) n° 1169/2011 on food information to consumers.

The US column lists the nutritional values in accordance with Code of Federal Regulations (CFR 21).

The Japan column lists the nutritional values in accordance with the Japanese Legislation.

The energy values may differ per region because of different calculations.