

# Organic Beet Sugar for Bioland

## Product Description

Organic Beet Sugar for Bioland is white sugar of EU standard quality obtained from German sugar beet from organic farming.

## Labelling

In the list of ingredients, organic beet sugar can be indicated as "organic sugar".

## Sensory Characteristics

Appearance	White crystals
Odour	Typical smell
Taste	Sweet, pure, neutral

## Physical and Chemical Parameters

Parameter	Guidance values	Methods
Colour type	Max. 4.5 IU (max. 9 points)	ICUMSA <sup>(1)</sup>
Colour in solution	Max. 45 IU (max. 6 points)	ICUMSA <sup>(1)</sup>
Ash content	Max. 0.027 % (max. 15 points)	ICUMSA <sup>(1)</sup>
Total points	Max. 22 points	Calculated
Polarisation	Min. 99.7 °Z	ICUMSA <sup>(1)</sup>
Invert sugar content	Max. 0.04 %	ICUMSA <sup>(1)</sup>
Moisture	Max. 0.06 %	ICUMSA <sup>(1)</sup>
Bulk Density	800 kg/m <sup>3</sup> to 900 kg/m <sup>3</sup>	Gravimetric

<sup>(1)</sup> ICUMSA = International Commission for Uniform Methods of Sugar Analysis  
IU = ICUMSA Unit

## Particle size

	Mean aperture (mm)	Coefficient of variation (CV) (%)
Organic Beet Sugar	0.4 - 1.0	< 50

## Microbiological Parameter

Parameter	Upper guidance value	Method
Mesophilic aerobic bacteria	200 cfu/10 g	ICUMSA <sup>(1)</sup>
Yeasts	10 cfu/10 g	ICUMSA <sup>(1)</sup>
Moulds	10 cfu/10 g	ICUMSA <sup>(1)</sup>

<sup>(1)</sup> ICUMSA = International Commission for Uniform Methods of Sugar Analysis

## Storage and stability

Storage conditions	Temperature >10 °C Relative humidity < 65% Store separately from smelling materials
Storage period	Under the above mentioned conditions Organic Beet Sugar retains its specific properties and can be stored for for a virtually unlimited time.

## Nutrition declaration

according to Regulation (EU) No 1169/2011 per 100 g

Energy value	1700 (400)	kJ (kcal)
Fat	0	g
of which saturates	0	g
Carbohydrates	100	g
of which sugars	100	g
Protein	0	g
Salt	0	g



## Additional aspects

General	<p>Organic Beet Sugar for Bioland complies with applicable European food legislation. This includes: Council Directive 2001/111/EC <i>“relating to certain sugars intended for human consumption”</i>, Regulation (EC) No 178/2002 <i>“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”</i>, Regulation (EU) 2018/848 <i>“on organic production and labelling of organic products and repealing Council Regulation (EC) No 834/2007”</i>.</p> <p>Compliance with the requirements of the Regulation (EU) 2018/848 and the guidelines of Bioland are verified by independent inspection bodies (DE-ÖKO-003).</p> <p>The implemented Food Safety Management System corresponds to a GFSI-equivalent scheme. Certificates are available on request.</p>
Special diets	<p>No raw materials or additives of animal origin are used in the production of Organic beet sugar. Therefore the product can be regarded as suitable for vegetarians and vegans.</p> <p>Additionally the product is Kosher and Halal certified. Certificates are available upon request.</p>
Allergens	<p>An allergen labelling according to Regulation (EU) No 1169/2011 <i>“on the provision of food information to consumers”</i> is not required.</p>
Nano technology	<p>Based on the definition of Regulation (EU) No 1169/2011 <i>“on the provision of food information to consumers”</i> the product is not an engineered nanomaterial.</p>
Contaminants	<p>Compliance with Regulation (EC) No 1881/2006 <i>“setting maximum levels for certain contaminants in foodstuffs”</i></p>
Packaging material	<p>The packaging material complies with Regulations (EC) No 1935/2004 <i>“on materials and articles intended to come into contact with food”</i> and (EC) No 10/2011 <i>“on plastic materials and articles intended to come into contact with food”</i>.</p>
Trading units	<p>In general, deliveries are possible in bags and big bags. Details can be provided on request.</p>
Safety precautions	<p>Depending on the grain size and type of operational process used, mixtures of sugar dust and air can form an explosive atmosphere.</p>

REACH	Sucrose (EINECS NO: 200-334-9, CAS No: 57-50-1) is explicitly mentioned in Annex IV <i>“Exemptions from the obligation to register in accordance with article 2 (7)(a)”</i> of Regulation (EC) No 1907/2006 <i>“concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency”</i> . Therefore a registration is not necessary.
Customs Tariff Number	1701 9910