

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 ⁽¹⁾ |
| Colour in solution | Max. 45 IU (max. 6 points) | ICUMSA ⁽¹⁾ |
| Ash content | Max. 0.027 % (max. 15 points) | ICUMSA ⁽¹⁾ |
| Total points | Max. 22 points | Calculated |
| Polarisation | Min. 99.7 °Z | ICUMSA ⁽¹⁾ |
| Invert sugar content | Max. 0.04 % | ICUMSA ⁽¹⁾ |
| Moisture | Max. 0.06 % | ICUMSA ⁽¹⁾ |
| Bulk Density | 800 kg/m ³ to 900 kg/m ³ | Gravimetric |

⁽¹⁾ 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 ⁽¹⁾ |
| Yeasts | 10 cfu/10 g | ICUMSA ⁽¹⁾ |
| Moulds | 10 cfu/10 g | ICUMSA ⁽¹⁾ |

⁽¹⁾ 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 (EU) 2023/915 <i>“on maximum levels for certain contaminants in food and repealing Regulation (EC) No 1881/2006”</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 |