

Raw Beet Sugar

Product Description

Raw Beet Sugar is a single ingredient foodstuff that consists of free flowing crystals of sucrose with a light brown appearance.

Labelling

The sales denomination is raw beet sugar.

Raw Beet Sugar contains the following ingredients: sugar.

Sensory Characteristics

Appearance	Light brown
Odour	Product-typical
Taste	Product-typical

Physical and Chemical Parameters

Parameter	Guidance values	Methods
Colour in solution	1000 IU – 2000 IU	ICUMSA ⁽¹⁾
Conductivity ash	0.1 g/100 g – 0.5 g/100g	ICUMSA ⁽¹⁾
Sucrose	97.5 °Z – 99.5 °Z	Polarimetric
Moisture	Max. 1 g/100g	ICUMSA ⁽¹⁾
Bulk Density	800 kg/m ³ – 900 kg/m ³	Gravimetric

⁽¹⁾ ICUMSA = International Commission for Uniform Methods of Sugar Analysis

IU = ICUMSA Unit

Particle Size

Type designation	Mean aperture (mm)	CV (%)
Raw Beet Sugar	0.5 - 0.8	< 45

Microbiological Parameters

Parameter	Upper guidance values	Method
Mesophilic aerobic bacteria	750 cfu/10 g	ICUMSA ⁽¹⁾
Yeasts	100 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 20 °C ± 5 °C Relative humidity < 50 %
Storage period	Under the above mentioned conditions Raw Beet Sugar retains its specific properties and can be stored at least 3 years from date of production.

Nutrition Declaration

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

Energy value	1683 (396)	kJ (kcal)
Fat	0	g
of which saturates	0	g
Carbohydrates	99	g
of which sugars	99	g
Protein	0	g
Salt	0.03	g

Additional Aspects

General	Raw Beet Sugar complies with the applicable German and European Food Law, particularly the German “Lebensmittel- und Futtermittel-gesetzbuch (LFGB)”, 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 (EC) No 852/2004 <i>“on the hygiene of foodstuffs”</i> and Regulation (EU) No 1308/2013 <i>“establishing a common organization of the markets in agricultural products”</i> , Annex II, Part II, Section A, No 2.
Special diets	The product is made from agricultural raw material. No processing aids derived from animals are used. Therefore the product can be regarded as suitable for vegetarians and vegans. Additionally the product is Kosher and Halal certified. Certificates are available upon request.
Allergens	An allergen labelling according to Regulation (EU) No 1169/2011 <i>“on the provision of food information to consumers”</i> is not required.
GMO	Raw Beet Sugar does not require labelling according to Regulation (EC) No 1829/2003 <i>“on genetically modified food and feed”</i> and Regulation (EC) No 1830/2003 <i>“concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms”</i> .
Nano technology	Based on the definition of Regulation (EU) 2015/2283 <i>“on novel foods, amending Regulation (EU) No 1169/2011 of the European Parliament and of the Council and repealing Regulation (EC) No 258/97 of the European Parliament and of the Council and Commission Regulation (EC) No 1852/2001”</i> the product is not an engineered nanomaterial.
Contaminants/ Pesticide residues	Compliance with Regulation (EU) 2023/915 <i>“on maximum levels for certain contaminants in food and repealing Regulation (EC) No 1881/2006”</i> and Regulation (EC) No 396/2005 <i>“on maximum residue levels of pesticides in or on food and feed of plant and animal origin”</i> is guaranteed for this product.

Ionization/Irradiation	This product is not subject to ionization/irradiation covered by Directive 1999/2/EC " <i>concerning foods and food ingredients treated with ionising radiation</i> " resp. Directive 1999/3/EC " <i>on the establishment of a Community list of foods and food ingredients treated with ionising radiation</i> ".
Packaging material	The packaging material complies with Regulation (EC) No 1935/2004 " <i>on materials and articles intended to come into contact with food</i> " and Regulation (EU) No 10/2011 " <i>on plastic materials and articles intended to come into contact with food</i> ".
Trading units	In general, deliveries are possible in bags. Details can be provided on request.
Safety precautions	Depending on the grain size and type of operational process used, mixtures of sugar dust and air can form an explosive atmosphere.
REACH	As Raw Beet Sugar is used as food, a registration is not necessary according to Article 2 No 5 of Regulation (EC) No 1907/2006 " <i>concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency</i> ".
Customs Tariff Number	1701 1290