



Refined Sugar R2

Refined sugar is highly purified, recrystallized sucrose.

Declaration (on the list of ingredients)

Extra-white sugar, refined sugar or sugar

Physicochemical characteristics

Polarization [°Z]	min. 99.7*
Loss on drying (moisture) [%]	max. 0.06*
Invert sugar [%]	max. 0.04*
Conductivity ash	max. 0.011 % / max. 6* points (1 point = 0.0018 % ash)
Colour type [points]	max. 4* (1 point = 0.5 colour type units)
Colour in solution	max. 22.5 ICUMSA units / max. 3* points (1 point = 7.5 ICUMSA-units)
Total points	max. 8*
Sulphur dioxide	< 6 mg / kg
(all values determined at 20 °C)	
Grain size distribution $d_{15} - d_{85}$ (according to DIN 66141) [mm]	1.6 - 3.0
Granulation < 1.6 mm [%]	max. 15
Granulation 1.6 - 3.0 mm [%]	min. 70
Granulation > 3.0 mm [%]	max. 15
Bulk weight [kg / m ³]	850 - 900

* According to COUNCIL DIRECTIVE 2001/111/EC of 20 December 2001 relating to certain sugars intended for human consumption

Microbiology

In general, sugar is considered as one of the foodstuffs with the lowest germ content. Therefore, no microbiological limit values exist. The following microbiological reference values apply for sugar:

Mesophilic aerobic plate count [cfu / 10 g]	max. 200
Yeast [cfu / 10 g]	max. 10
Moulds [cfu / 10 g]	max. 10
E. coli/Coliforms [cfu / 10 g]	negative
Salmonella [in 25 g]	negative



Allergens

The below listed ingredients with allergenic potential according to Regulation (EU) No 1169/2011 **are not contained** in the product:

Cereals containing gluten* and products thereof	Nuts** and products thereof
Crustaceans and products thereof	Celery and products thereof
Eggs and products thereof	Mustard and products thereof
Fish and products thereof	Sesame seeds and products thereof
Peanuts and products thereof	Sulphur dioxide and sulphites > 10 mg / kg
Soybeans and products thereof	Lupins and products thereof
Milk and products thereof (including lactose)	Molluscs and products thereof

*i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains

**i.e. almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachio nuts, macadamia nuts, Queensland nuts and products thereof

Nutritional values

per 100 g

Energy	1,700 kJ / 400 kcal
Fat of which saturates	0 g 0 g
Carbohydrate of which sugars	100 g 100 g
Protein	0 g
Salt	0 g

Storage conditions

A temperature of 10 - 25 °C at a relative humidity of max. 65 % is recommended. An expiration date is not required because refined sugar can be stored unlimited under the mentioned conditions.

Identification / Lot number

L + 7 digits

1. + 2. digits = plant key; 3. digit = year; 4.+ 5. digits = calendar week;
6. digit = production day in the week; (optional 7. digit = check digit)



Conformity

The product complies with all applicable Polish and German Food Law regulations as well as with all applicable European Food Law and hygiene requirements. In particular, the product meets the German Food and Feed Code (LFGB), German Food Regulation “Zuckerartenverordnung”, Directive 2001/111/EC and Regulation 178/2002/EC.

Where relevant, the requirements of Regulation 396/2005/EC setting maximum residue levels of pesticides in or on food and feed of plant and animal origin as well as of Regulation 1881/2006/EC setting maximum levels for certain contaminants in foodstuffs (reference is made to the national regulation on contaminants, German “Kontaminantenverordnung”) are met. On the part of the legislators and based on regular monitoring analyses there is no need to set maximum levels for heavy metals in sugar.

Information on genetic engineering

The product is not obtained from genetically modified raw materials and does not require GMO-labelling in accordance with the European Regulation 1829/2003/EC on “Genetically Modified Food and Feed” and 1830/2003/EC on the “Traceability and Labelling of Genetically Modified Organisms”.

Form of delivery

Article no.	Type of packaging	Quantity/ Pallet	Weight [kg]		Pallet-type	Pallet-size [mm]		
			gross	net		length	width	height
5612606	1,000-kg-one-way-big-bag (N)	1	1,025	1,000	CP1	1,200	1,000	1,350
5612602	25-kg paper bag	32	830	800	Euro	1,200	800	1,250
5612604	25-kg paper bag	32	830	800	Chep- plastic	1,200	800	1,250
5000565	25-kg paper bag	40	1030	1000	H1	1,200	800	1,450

Cardboard protection between pallet and product – the pallet (with bagged cargo) is wrapped with foil.

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