

Quality specification for KN white sugar

Edition no 9 of 02.10.2023

PRODUCT NAME:	White sugar KN Code: CN 1701 99 10				
	0000, 011 1101 00 10				
MANUFACTURER:	Krajowa Grupa Spożywcza S.A. w Toruniu Ul. Kraszewskiego 40, 87-100 Toruń				
	tel. +48 56 650 11 00, fax +48 56 650 11 04				
ORIGIN:	Product of Poland				
RAW MATERIAL:					
NAW MATERIAL.	sugar beet, genetically unmodified				
INGREDIENTS:	Sucrose				
	Exempted from the obligation to register at the European Chemicals Agency pursuant to Regulation (EC) No. 1907/2006 of the European Parliament and the Council of 18 December 2006, as amended.				
CONSUMER USE:	It is intended for direct consumption and as an additive for various food products and raw material or semi-product for further processing. Diabetics should use sugar in consultation with a doctor.				
PROPERTIES	We declare meeting the requirements of the Regulation of the European Parliament and of the Council (EU) No. 1308/2013 of 17 December 2013 a common organisation of the markets in agricultural products and repealing Council Regulation (EEC) No. 922/72, EEC No. 234/79, (EC) No. 1037/2001 and EC No. 1234/2007.				
 commercial quality 	dry, in the form of homogeneous granulated crystals, free-flowing				
 polarisation 'Z 	min, 99.7				
 moisture content, % 	max. 0.06				
 invert sugar content, % 	max. 0.04				
 total number of points, Sec. 	max. 22				
 number of points in relation to ash content, Sec. 	max. 15				
 number of points in relation to the colour of sugar crystals, Sec. 	max. 9				
 number of points in relation to the colour of sugar solution, Sec. 	max. 6				

ORGANOLEPTIC PROPERTIES:	PN-A-74850:1996/Az1 dated December 2005 - White sugar			
	Category 1	Category 2		
colour	white	white, slightly creamy tinge is permitted		
 appearance and consistency 	loose crystals, without conglutinations and lumps, presence of adhesions and twin crystals is acceptable	loose crystals, without conglutinatio and lumps, presence of adhesions a twin crystals is acceptable		
• smell	without foreign smell, the smell typical of sugar	without strange smell, the smell characteristic of sugar		
taste	sweet, typical of sugar	sweet, characteristic of sugar		
 clarity of the solution 	clear solution	clear solution, residual iridescence permitted		
granulation	KN - unsegregated sugar			

PHYSICAL AND CHEMICAL	PN-A-74850:1996/Az1 dated December 2005 - White sugar			
PROPERTIES:	Category 1	Category 2	Method	
 polarimetric sucrose content, °Z 	min. 99,7	min. 99,7	ICUMSA GS2-1	
 moisture content, % 	max. 0,06	max. 0,06	ICUMSA GS2/1/3/9-15	
 content of reducing substances, % 	max. 0,04	max. 0,04	ICUMSA GS2/3/9-5	
 colour of the solution of sugar, unit ICUMSA 	max. 22,5	max. 45	ICUMSA GS2/3-10	
 sugar crystals colour, type of model constant colour patterns 	max. 2	max. 4,5	ICUMSA GS2-13	

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ash content, %	max. 0,011	max. 0,027	ICUMSA GS2/3/9-17		
 number of points for colour, point 	max. 3	max. 6			
 number of points for type, point 	max, 4	max. 9	Regulation of the European Parliamer and of the Council (EU) No. 1308/201		
 number of points for ash, point 	max. 6	max. 15	of 17 December 2013		
 total number of points, points 	max. 8	max. 22			
substances insoluble in water	Limits based on producer stipulations and customer requirements ICUMSA GS2/3/9-19 not more than 20 mg/kg				
NUTRITIONAL VALUE in 100 g	Regulation of the European Parliament and of the Council (EU) No. 1169/2011 of 25.10.2011 on the provision of food information to consumers (O.J. EU L.05.70.1)				
 calorific value (energy) 	1700 kJ/400 kcal		(d.o. 20 2.00.70.7).		
• fat	0g				
 of which saturated fatty acids 	0g				
 carbohydrates 	100g				
 of which sugars 	100g				
protein	0g				
• salt	Og				
HEAVY METAL CONTENT:		tomer requirements a	nd producer agreements		
lead	max. 0.1 mg/kg		p. oddod og og og og		
 cadmium 	max. 0.02 mg/k				
mercury	max. 0.01 mg/k				
arsenic	max. 0.1 mg/kg				
" copper	max. 0.1 mg/kg max. 1.0 mg/kg				
• iron	max. 1.0 mg/kg				
	5 5				
	- Commission Regu Annex II to Regulation	lation (EU) No. 1129 on (EC) No. 1333/200	ation to consumers (O.J. EU L.05.70.1). /2011 of 11 November 2011 amending 8 of the European Parliament and of the additives.		
• SO ₂	Council by establishing a Union list of food additives. not more than 10 mg/kg				
PESTICIDE CONTENT:	Council of 23 Februa	ary 2005 on maximun	5 of the European Parliament and of the residue levels of pesticides in food and their surface, as amended (O.J. EU		
GMO:	Regulation (EC) No.	1829/2003 of the Eu	ropean Parliament and of the Council of ed food and feed (O.J. EU L 03.268/1).		
	22 September 2003				
	d producers, the seed	s used for growing su	gar beets used to produce sugar are not		
According to the statements of seed genetically modified.	d producers, the seed	s used for growing su	gar beets used to produce sugar are not		
		s used for growing su siological standards	gar beets used to produce sugar are not established by the National Soft Drink		
genetically modified. MICROBIOLOGICAL	According to microb	s used for growing su siological standards) USA	gar beets used to produce sugar are not		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS:	According to microb Association (Bottlers	s used for growing su piological standards) USA 10g	gar beets used to produce sugar are not		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS: Total mesophilic bacteria moulds Yeast	According to microb Association (Bottlers max. 200 cfu in	s used for growing su piological standards) USA 10g	gar beets used to produce sugar are not		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS: Total mesophilic bacteria moulds Yeast	According to microb Association (Bottlers max. 200 cfu in max. 10 cfu in 10	s used for growing su piological standards) USA 10g	gar beets used to produce sugar are not		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS: Total mesophilic bacteria moulds Yeast	According to microb Association (Bottlers max. 200 cfu in max. 10 cfu in 10 max. 10 cfu in 10	s used for growing su piological standards) USA 10g	gar beets used to produce sugar are not		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS: Total mesophilic bacteria moulds Yeast Salmonella	According to microb Association (Bottlers max. 200 cfu in max. 10 cfu in 10 max. 10 cfu in 10 absent in 25g	s used for growing su piological standards) USA 10g	gar beets used to produce sugar are not		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS: Total mesophilic bacteria moulds Yeast Salmonella Enterobacteriaceae	According to microb Association (Bottlers max. 200 cfu in max. 10 cfu in 10 max. 10 cfu in 10 absent in 25g absent in 1g	s used for growing su piological standards) USA 10g	gar beets used to produce sugar are not		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS: Total mesophilic bacteria moulds Yeast Salmonella Enterobacteriaceae Coliforms Escherichia coli	According to microb Association (Bottlers max. 200 cfu in max. 10 cfu in 10 max. 10 cfu in 10 absent in 25g absent in 1g absent in 1g absent in 1g	s used for growing su piological standards) USA 10g 0g	gar beets used to produce sugar are not established by the National Soft Drink		
genetically modified. MICROBIOLOGICAL CHARACTERISTICS: Total mesophilic bacteria moulds Yeast Salmonella Enterobacteriaceae Coliforms	According to microb Association (Bottlers max. 200 cfu in max. 10 cfu in 10 max. 10 cfu in 10 absent in 25g absent in 1g absent in 1g absent in 1g Warehouses: clean, Relative air humidity	s used for growing su piological standards) USA 10g 0g	gar beets used to produce sugar are not established by the National Soft Drink beign smells, protected from pests.		

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		manu	dity and air temperature as indic facturer.				
SHELF LIFE:		Regulation of the European Parliament and of the Council (EU) No. 1169/2011 25.10.2011 on the provision of food information to consumers (O.J. EU L.05.70.1)					
Unlimited subject	to compliance wi		ecommended storage conditions.				
PACKAGING			25 August 2006 on the Safety of Fo				
unit		Packa	Packaging material meeting the requirements for direct contact with food.				
		Types of packaging:					
		stick and sachets: a'5 g					
		paper bags: a'500g, a' 1kg					
		ventilated paper or polypropylene bags a' 25 kg a' 50 kg					
		polypropylene big-bags					
			bulk (tank)				
for transport		pallet	s, paper pads, stretch foil, cardboard	boxes.			
LABELLING ON	THE		ulation of the Ministry of Agriculture		lopment of 23 December		
PACKAGE:			on the labelling of specific types of fo				
			ulation of the European Parliament a				
			.2011 on the provision of food inform				
			PRODUCT NAME:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
			sugar assortment				
			name and address of manufacture	r			
			net weight				
		net weightbar code					
				ckages up to 50) ka)		
		 nutritional values (for individual packages up to 50 kg) lot number: 					
		L: DDD 000 RR					
		where the various symbols have the following meanings:					
		DDD – three-digit number for the day of the year when the product was packed					
		000 – three-digit number for the Branch/Location where the product was packed					
		RR – two-digit number for the Branch/Location where the product was packed					
MARKING ON C	OLLECTIVE				packed		
		Logistic label containing the following information: manufacturer name					
PACKAGING – pallet		product description					
		product description product code					
		production plant name					
		* storage					
		" content					
		batch number SSCC and a					
		SSCC code					
		logistic unit mass					
		00000	 number of packages on a pallet 				
TO A NODODT.			tag number		(II - F		
TRANSPORT:			rements according to Regulation (EC				
			arliament and the Council of 29 April 2004 on the hygiene of foodstuffs (Journal				
TVDEC 05	IODODE I I I		vs, EU 04 L139/1), as amended.				
			transport (trucks, trailers, semi-traile	rs, tankers).			
FOR DISTRIBUTION:			ansport (wagons).				
		All means of transport should be:					
		 clean, without foreign bodies 					
		 covered, dry, free from foreign smells 					
		 secured to protect the load from getting wet, 					
		 certified for food transportation 					
			tank for transporting loose sugar s				
			authorized car washes with a clear	ning certificate a	attached to each tank.		
	Name:		Position:	Date:	Signature		
Prepared by:	Agata Barys	ja	Plant Laboratory Manager	02.10.2023 r.	A. Ber		
Reviewed by:	Malgorzata Zink	iewicz	Quality Assurance Representative	02.10.2023 r.	m		
			Office Director - Management Board		Pełnomocnik Zarządu		
	I # # # 50 #			00 10 0000	Systemow Zarządzani		
Approved by:	Jacek Strykov	vski	Representative for Management	02.10.2023 r.	System on Care quizan.		

KRAJOWA GRUPA SPOŻYWCZA S.A. ul. Kraszewskiego 40, 87-100 Toruń NIP: 956-10-40-510 KRS: 0000084678 REGON: 870363980 BDO: 000009141 Kapitat zakładowy / Strare capital: 1.295.817.566 PLN wpłacony w całości / paid-in

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