



Standard White Sugar 180

We are proud to present the technical specifications of our **Standard White Sugar 180**, a high-quality product from the best sugar cane fields. This technical sheet offers complete details about its composition, packaging, packaging and applications.

At **G&V AgroTrading LLC**, we specialize in offering the highest quality products, sustainably grown and processed, directly from the sugar cane fields to your business.

Variety of products:

- Turbinado Sugar
- Raw Sugar
- Standard White Sugar 180
- Fine White Sugar 150
- ICUMSA 45
- Ultra Refined White Sugar Powdered Sugar.

Packaging options: We have a variety of packaging options, from 25 kg bags to 1 ton big bags, to adapt to your logistics requirements.

Reliable Delivery: We guarantee timely and safe delivery of our products, directly to your warehouses.

Quality Certifications: Our products have quality and sustainability certifications, which support our commitment to excellence.

At **G&V AgroTrading LLC**, we are committed to building long-term relationships with our customers. We take pride in offering high-quality, personalized service that goes beyond simply selling sugar.

We enclose with this proposal a detailed list of our products, technical specifications, and unit prices. We would be happy to answer any questions you may have and discuss how we can meet your specific needs.

We appreciate your time and consideration and look forward to the opportunity to work with you and your retail chain.

Product Sugar White Standard 180

Product Description

Solid crystallized natural product obtained from the cooking of sugar cane juice, consisting of loose crystals of saccharose; obtained through appropriate industrial procedures. The most relevant equipment used are: mills, clarifiers, evaporators, pans, centrifuges, dryers and packers.

This product is free of GLUTEN and GMO (Genetically Modified Organisms).

		PACKAGING	PACKAGING
National (N)	Export (E)	N - Stick Pack bag 5 kg. N - Paper Bag Capacity 25 kg. N - Paper Bag Capacity 50 kg. N - Polypropylene bag 25 kg. N - 50 kg Polypropylene Bag E - 25 kg Polypropylene Bag with Internal Polyethylene Bag. E - Polypropylene Bag with Internal Polyethylene Bag 50 kg. E - Chemically Pure Sucrose Polypropylene Big Bag with Polyethylene Inner Bag 1000 kg. E - Big bag of Polypropylene with Internal Polyethylene Bag 1000 kg.	In piles inside the vehicle
Instructions for use:	Sugar is used as a sweetener and food preservative. The product is intended for the entire population. Use with caution to people who are susceptible to sugar consumption. Not suitable for diabetics, hypoglycemics, or people who are hypersensitive to sucrose.	Product composition:	Sucrose (minimum 99.6° Z)
Unexpected uses:	Sugar should not be used for cosmetic purposes, it can be abrasive to the skin.	Estimated Lifespan:	24 Months

PHYSICAL-CHEMICAL REQUIREMENTS	UNIT	SPECIFICATION		TEST METHODS	OBSERVATIONS
		MINIMUM	MAXIMUM		
Polarization at 20 °C	°Z	99.6	-	NTC 586: 2021 (ICUMSA GS2/3-1)	IU (International Unit)
Conductometric ashes	% m/m	-	0.10	NTC 570 2022 (ICUMSA, GS 2/3/ 9-17)	
Granulated moisture	% m/m	-	0.06	NTC 572 2022 (ICUMSA GS3/1/3-15)	
Color at 420 nm	UI	-	150 - Type A	NTC 5969 2021 (ICUMSA GS 2/3-9)	
		-	180 - Type B		
Turbidity at 420 nm	UI	-	80	NTC 5970 2022 (ICUMSA, GS 2/1/7-33)	
Sulfur dioxide (SO ₂)	mg/kg	-	10.0	NTC 5970 2022 (ICUMSA, GS 2/1/7-33)	
Insoluble matter	mg/kg	-	20	NTC 6298 2017 (ICUMSA, GS 2/3/9-19)	

MICROBIOLOGICAL REQUIREMENTS By plate counting technique NTC 2085-2020	UNIT	n	c	SPECIFICATION		TEST METHODS	OBSERVATIONS
				m	M		
Mesophilic aerobic bacteria count	UFC/g	5	3	20	60	NTC 3908: 2017 (ICUMSA GS2/3-43)	The microbiological specifications mentioned in this technical sheet correspond to the limits defined by NTC 2085, however, by complying with these parameters we guarantee compliance with Resolution 1407 of 2022 of the Ministry of Health and Social Protection of Colombia.
Total coliform count		5	3	<10	10	NTC 6086: 2014	
Mold Count		5	3	10	40	NTC 3954: 2017 (ICUMSA, GS2/3-47)	
Yeast count		5	3	10	40	NTC 3954: 2017 (ICUMSA, GS2/3-47)	
Escherichia coli count		5	0	<10	-	NTC 6086: 2014	

n = Number of samples to be examined. M = Maximum permissible index to identify the acceptable quality level. m = Maximum permissible index to identify the good quality level. c = Maximum number of permissible samples with results between m and M.

PESTICIDE RESIDUE REQUIREMENTS Resolution 2906 of 2007	UNIT	SPECIFICATION		SPECIFICATION	OBSERVATIONS
2,4-D	mg/kg	Maximum	0.05	HYDR_01_A	Procedures of an accredited external laboratory
Aldicarb		Maximum	0.1	LMS_01_B	
Azinphos-Methyl		Maximum	0.2	LMS_01_B	
Carbofuran		Maximum	0.1	LMS_01_B	
Ethoprophos		Maximum	0.02	GMS_01_B	
Glyphosate		Maximum	2.0	GGA_01_B	
Propiconazole		Maximum	0.05	LMS_01_B	
Tebufozide		Maximum	1.0	LMS_01_B	

HEAVY METALS AND CONTAMINANTS REQUIREMENTS	UNIT	SPECIFICATION		TEST METHODS	OBSERVATIONS
Arsenic (AS)	mg/kg	Maximum	0.5	SM 3120 A,B Ed 23. Modified	Heavy metal specifications according to NTC 2085: 2020 and other contaminants according to Resolution 3709 of 2015
Copper (Cu)		Maximum	1.0	AOAC 984.27 Ed 21 of 2019	
Lead (Pb)		Maximum	0.5	SM 3120 A,B Ed 23. Modified	
Acrylonitrile		Maximum	0.02	IN-GS-3.512V4 based on NTC-ISO 6401	
Melamine		Maximum	2.5	IN-GS-3.276 V3 2018-01-17	
Vinyl Chloride Monomer		Maximum	0.01	IN-GS-3.512V4 based on UNE-EN 13130-5	

SENSORY ANALYSIS		UNIT	PRODUCT SPECIFICATIONS	TEST METHOD	OBSERVATIONS
Appearance		Not applicable	Uniform grain in color	NTC 6341: 2019	Foreign matter refers to any material that is not characteristic of the sugar production process, such as metal particles, insect parts, leaves, bagasse, charcoal or calcareous incrustations. There are other particles that can be found, composed of the same nature as sugar, such as white, black and others (light brown or beige) for which a limit is defined, expressed in units/kg.
Flavor			Characteristic sweet		
Smell			Free of strange odors		
Strange matter (visual)			Absence		
Particles (visual)	Whites	Unit/kg	20		
	Black (>1.5 mm)		7		
	Others		20		

STORAGE CONDITIONS

For preservation, store in a covered, cool and dry place. Avoid contact with other products that may affect its organoleptic properties. The transport vehicle must be clean and dry, free of residues, strong odors and/or elements that alter its appearance. The product does not contain any type of coloring, flavoring or aromatizing. It is recommended not to store the product on wooden pallets.

ALLERGEN INFORMATION

Our process is permanently monitored, ensuring that our sugars do not contain levels higher than 10 mg/kg of sulfur dioxide (SO₂), which is the maximum limit allowed, according to NTC 607-2020.

DISTRIBUTION AND DELIVERY METHODS

The distribution method is carried out using vehicles designated for food transport, clean, free of residues, odors or any other element that alters the product or its presentation. The delivery of the articles will be arranged in a suitable place proposed by the buyer. The types of vehicles used are dump trucks, bodies, vans, double trucks, tankers. The hiring of said vehicles can be carried out under the responsibility of the client or directly by the mill.

REGULATORY LABELING ISSUES

For national marketing, Resolution 5109 of 2005 (labeling), Resolution 810 of 2021 (nutritional table), NTC 512-1, 512-2 and NTC 607-2020 (on the subject of product quality seals) must be taken into account.
prepackaged foods and specific regulations according to the country to which they will be exported.
Repacking is prohibited.
The quality and safety of this product is not guaranteed if its name, brands and/or packaging changes.

LEGAL NOTICE

The information contained in this technical data sheet has been provided by the producing mill and is presented for informational purposes only. G&V AgroTrading LLC is not responsible for the accuracy, completeness or timeliness of this information. Data and specifications are subject to change without notice.

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