



Turbinado Sugar

We are proud to present the technical specifications of our **Turbinado Sugar**, 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 delivering 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 Description

Solid crystallized natural product obtained from the cooking of sugar cane juice, consisting of loose crystals of sucrose; obtained by 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)	E - Polypropylene Bag with Internal Polyethylene Bag 50 Lb. E - Polypropylene Bag with Internal Polyethylene Bag 25 kg. E - Polypropylene Bag with Internal Polyethylene Bag 50 kg. E - Polypropylene Bag 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 96°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	96	-	NTC 586 (ICUMSA GS2/3-1)	IU (International Unit)
Granulated Humidity	%	-	1.0	NTC 572 (ICUMSA GS3/1/3-15:2022)	
Color at 420nm, at customer's discretion	UI	1500	2500	NTC 5969 Method A (ICUMSA GS1/3-7:2002)	
Safety factor SPECIFICATION Minimum Maximum 96 - 10 0.30 Color at 420 nm, at the discretion of	Not applicable	-	0.30	NTC 607: 2020	
Conductometric ashes	% m/m	-	0.70	NTC 570: 2022 (ICUMSA, GS 1/3/4/7/8-13)	
Sulfur Dioxide (SO2)	mg/kg	-	10	NTC 5970: 2011 (ICUMSA GS2/1/7-33)	

MICROBIOLOGICAL REQUIREMENTS By plate counting technique NTC 607-2020	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)	n = Number of samples to be examined. M = Maximum permissible index to identify the acceptable level of quality. m = Maximum permissible index to identify the level of good quality. c = Maximum number of allowable samples with results between m and M.
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	

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	
Tebufenozide		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 607: 2020 and other contaminants according to
Copper (Cu)		Maximum	1	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 and insect parts. 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		< 7 mm FDA USDA Chapter 5 Section 555.425
	Blacks		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 (due to product quality seals) must be taken into account. For international marketing, Codex Stan 4-1985, Rev. 1-1991: 2005 must be considered. General standard for the labeling of prepackaged foods and specific regulations according to the country to which it will be exported. Repackaging 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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