



Raw Sugar

We are proud to present the technical specifications of our **Raw 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 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 Description

White sugar is the crystallized product obtained from the cooking of the juice of sugar cane (*Saccharum officinarum* L) or sugar beet (*Beta vulgaris* L), consisting essentially of loose crystals of sucrose obtained through appropriate industrial procedures and which have not been subjected to a refining process, whose polarization is at least 96.0°Z .

COMPOSITION

Sugar is sucrose, a naturally occurring carbohydrate composed of carbon, oxygen and hydrogen.
Raw sugar is a pure food with more than 98% sucrose.

CHARACTERISTICS (Biological, Chemical, Physical, Safety, Sensory)

CHEMICALS	UNIT	MINIMUM	MAXIMUM	TEST METHOD
Polarization at 20 °C	°Z	96		NTC 586 - ICUMSA GS2/3-1 (2011)
Humidity	Mass fraction, in %		1	NTC 572
Safety Factor			0.3	NTC 607 (see section 7.3)
Ashes	Mass fraction, in %		0.7	NTC 570
Sulfur Dioxide Content	ppm		10	NTC 5970
Arsenic (As)	mg/kg		1	GS2/3-23 OR GS2/39-25 OR GS2-51
Copper (Cu)	mg/kg		2	GS2/39-25 OR GS2-52
Lead (Pb)	mg/kg		0.5	GS2/3-24 OR GS2/1/3-27 OR GS2-51
BIOLOGICAL	UNIT	MINIMUM	MAXIMUM	TEST METHOD
Aerobic mesophilic bacteria count.	UFC/10g		600	NTC 3906
Total Coliform Count	UFC/10g		50	NTC 4306
Mold Count	UFC/10g		15	NTC 3907
Yeast Count	UFC/10g		300	NTC 3907
Escherichia coli count	Escherichia coli/l	Absent		NTC 4306
SENSORY	UNIT	MINIMUM	MAXIMUM	TEST METHOD
Appearance		Caramel colored crystals		
Smell		Free of strange odor		
Flavor		Typically sweet. Free of off-flavors		

EXPECTED SHELF LIFE AND STORAGE CONDITIONS

ESTIMATED SHELF LIFE: Under proper storage conditions for up to two years

HANDLING/STORAGE CONDITIONS: It is recommended to store the product in a dry environment, with controlled humidity, room temperature and protected from rain so that its contents and presentation remain unchanged.

PACKAGING

The product packaging must be made of a suitable material that does not alter the characteristics of the product and preserves it during transport and storage. The product must be delivered in polypropylene bags in 50 kg, 25 kg and 1 tonne presentations. The transport vehicle must be clean and dry, free of contaminating residues and elements that may alter its presentation.

LABELING AND HANDLING INSTRUCTIONS PREPARATION AND USE

Packaging: The packaging must be made of a material that does not alter the product and must ensure its preservation during proper transport and storage.

Labeling: The labeling complies with Resolution 5109 of 2005 and must bear the legend "Raw Sugar". This may be supplemented with any other word that indicates the industrial process for producing the sugar; it must also have the following indications:

- **Sugar is considered Granulated**

- **"Food product, handle with care" is indicated**

Health Registration No. RSIAY16M12692

It is indicated that the product corresponds to Industria Colombia, it declares the manufacturer's data

For bulk deliveries, labeling requirements are indicated on the shipping forms.

DISTRIBUTION METHOD(S)

It is dispatched in single trucks, double trucks, two axles, three axles according to the quantities to be delivered. Some vehicles are for the account of the clients when sold in FOB terms and for the account of the mill in CIF terms.

Distribution is made to chain customers, self-service stores, industries, retailers and wholesalers.

LEGAL AND REGULATORY REQUIREMENTS

NTC 1706 - Sugar Sampling Method

Colombian Technical Standard - NTC 607 - Raw Sugar

Decree 60/2002 - Application of the Hazard Analysis and Critical Control Points System - HACCP in food factories and the certification process is regulated.

Decree 5109/2005 Food labeling

Resolution 333/2011 Technical regulation on the nutritional labelling requirements that packaged foods must meet

Resolution 4506/2013 Maximum levels of contaminants in foods intended for human consumption

Resolution 2674/2013 Regulation of foods that are manufactured, packaged or imported for sale in Colombia.

Resolution 4143 - Sanitary requirements that must be met by plastic and elastomeric materials, objects, containers and equipment and their additives, intended to come into contact with food and beverages for human consumption in the national territory.

Resolution 683 - Technical Regulation on the sanitary requirements that must be met by materials, objects, packaging and equipment intended to come into contact with food and beverages for human consumption

INTENDED USE

Expected Handling

Inappropriate handling

Group of users or consumers

It is a product for direct domestic consumption or for industrial use as raw material. The product is aimed at the general public, therefore it can be consumed by high-risk populations, except for people who, due to medical indications, must restrict or avoid the consumption of this product due to its allergenic component (patients with asthma) and people with diabetes.

FOOD SAFETY RISK

Physical Risk

Biological risk

Chemical Risk

Traumatic injuries (Laceration and perforation of tissues of the mouth, tongue, throat, stomach and intestine) due to the presence of ferrous, non-ferrous and stainless particles in size greater than or equal to 6.0 mm in finished packaged product

Allergies, skin diseases or respiratory diseases due to the presence of allergens (sulfites) in concentrations greater than or equal to 10 ppm in the finished product

AVAILABLE PRESENTATIONS

POLYPROPYLENE BAG WITH POLYETHYLENE INNER BAG. CAPACITY 50 KILOGRAMS

POLYPROPYLENE BAG WITH POLYETHYLENE INNER BAG. CAPACITY 25 KILOGRAMS

POLYPROPYLENE BAG FOR 1 TON

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.

Reviewed:

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