

	REFINED IC45 CANE SUGAR SPECIFICATIONS SHEET	CÓDIGO: C-G-CO-434
		FECHA: 07-11-24
		EDICIÓN: 02
		PÁGE: 1/ 3

1. Development

1.1. Refined Sugar: Crystallized product consisting essentially of single crystals of sucrose, obtained from casting or direct raw white sugars, through appropriate industrial processes. (ICONTEC).

2. Packaging characteristics: Polypropylene bags. See document C-G-CS-001

3. quality characteristics

3.1. Organoleptic specifications

No.	Description	Value	Analysis Method
1	Odor	Free of foreign odors. Characteristic aroma of refined sugar.	<u>C-I-CC-302</u>
2	Flavor	Features (typically sweet)	<u>C-I-CC-302</u>
3	Appearance	Qualitative (without foreign material) = N / A Quantitative <= 2 black particles / 500 g	<u>C-I-CC-302</u>
4	Hazard detection F, Q and B (*)	Foreign particles > = 7 mm	<u>C-I-CC-302</u>

(*) FDA

3.2. Product Technical Specifications

No.	Description	Unit	Value	Analysis Method
1	Color	UI ICUMSA MOPS	<= 45	<u>C-I-CC-302</u>
2	Polarization (*)	°z	>= 99.9	<u>C-I-CC-302</u>
3	Ash	% (W / w) Conductivity	<= 0.027	<u>C-I-CC-302</u>
4	Humidity	% (W / w)	<= 0.04	<u>C-I-CC-302</u>
5	Sugars Invested	% (W / w)	<= 0.05	<u>C-I-CC-302</u>
6	Turbidity	U absorbance	<= 25	<u>C-I-CC-302</u>
7	Insoluble solids	mg/kg	<= 20	<u>C-I-CC-302</u>
8	Residual sulfites	mg/kg	<= 10	<u>C-I-CC-302</u>
9	% Fines	% Of sugar through 65 mesh 60 mesh - For Union	<= 7,5	<u>C-I-CC-302</u>
10	Detection pesticides	Ug/kg	PASS	External laboratory
11	Coefficient of variation /Grain size	%	<= 35	<u>C-I-CC-302</u>

(*) Polarization defines the concentration of sucrose in the product. Sugar is a product of natural vegetable origin.

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3.3. Microbiological specifications

No.	Description	Unit	Value	Analysis Method
1	Aerobic mesophilic bacteria	CFU/10g	<= 200	External Laboratory
2	Yeasts	CFU/10g	<= 10	External Laboratory
3	Sugar fungus	CFU/10g	<= 10	External Laboratory
4	E. Coli	CFU/10g	0	External Laboratory
5	Salmonella	CFU/10g	0	External Laboratory

3.4. Heavy metal specifications

No.	Description	Unit	Value	Analysis Method
1	Arsenic	mg/kg	<= 0.1	External laboratory
2	Lead	mg/kg	<= 0.1	External laboratory
3	Copper	mg/kg	<= 1.0	External laboratory
4	Iron	mg/kg	<= 1.0	External laboratory

3.5. Pesticide specification

No.	Description	Unit	Value	Analysis Method
1	Glyphosate	mg/kg	<= 0.1	External laboratory

4. OBSERVATIONS

4.1. Origin of Raw Material: The refined sugar is manufactured from sugar cane without any genetic modification, grown 100% in Guatemala. The seeds of the varieties of sugarcane are available in Ingenio La Union and are obtained by cloning yolks.

4.2. Allergens:

4.2.1. USA: In the manufacturing process of refining sugar Ingenio La Union, S.A. no allergens are Used. Sulfur dioxide is controlled as an additive.

4.2.2. Europe and Canada, according to its regulations if sulfur dioxide is used is considered allergen and sulfur dioxide is declared when it exceeds 10 ppm.

4.3. Analysis of pesticides: Meets pesticide residue limits established by Codex Alimentarius Point 23 GS-659

4.4. Identification Code: Is set by coding: Production lot number, production date in the month-day-year format, expiration date in the month-day-year format, serial number of the bag, date of packaging in the format month-day-year and hour of packaging in the 24 hours format. For Jumbo according to Annex 1

4.5. Quality Certificate: In each shipment it is issued (by Expogranel) Quality Certificate which remains in Ingenio headquarters. A client application can appoint a supervisor of international cargo.

4.6. Shelf Life: Two years after the production date.

4.7. Storage Conditions: Do not place directly on the floor. Store in clean places, protected from weather and pest free. Do not store in damp or temperatures above 45 ° C places. Sudden changes in temperature or humidity cause caking.

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4.8. Distribution Methods: Through units clean and dry transport of three types: Platform trucks with nylon on the floor of the platform and sugar to protect it from contact with the canvas, and finally protected with tarps. Trucks closed vans, with nylon on the floor. Transfer to containers, Kraft paper on the floor and sides.

4.9. Intended Use The company does not address direct final consumers, consumers only intermediaries

4.10. Nutrition Facts:

Nutrition Facts			
Serving size: 100g			
Nutrient	Unit	Amount per serving	% Daily Value
Calories	kcal	387	-
Water	g	0.05	-
Protein	g	0	0
Total Fat	g	0	0
Ashes	g	0	0
Carbohydrates	g	>99.7	33%
Calcium	mg	1	0%
Iron	mg	0.01	0%
Potassium	mg	2	0%
Fluoride	mg	1	25%
Selenium	mg	0.6	1%
Vitamins	mg	0	0%

4.11. Annex 1

FECHA: NUMERO DE SACO: BASCULA: CONTENIDO NETO: PESO BRUTO APROX:	HORA: TOLVA:
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