



# CALIFORNIA

## CANE SUGAR INC.

### LARGE GRAIN CANE SUGAR DATA SHEET

PHYSICO-CHEMICAL REQUIREMENTS	UNIT	SPECIFICATION		TEST METHODS	REMARKS
		Minimal	Maximum		
Polarization at 20°C	°Z	99.4	-	NTC 586 (ICUMSA GS2/3-1)	UI (International Unit)
Conductimetric ashes	%	-	0.15	NTC 570:2022 (ICUMSA G22/3/9-17)	
Moisture Granules	%	-	0.07	NTC 572 (ICUMSA GS3/1/3-15:2022)	
Color at 420 nm, at the customer's discretion	UI	-	250	NTC 5969 Method A (ICUMSA GS1/3-7:2002)	
Turbidity at 420 nm	UI	-	250	NTC 5969:2021(ICUMSA GS2/3-9)	
Sulfur Dioxide (SO <sub>2</sub> )	mg/kg	-	10.0	NTC 5970: 2011 (ICUMSA GS2/1/7-33)	
Coefficient of variation	%	-	30	ICUMSA GS2/9-37	
Grain size	mm	0.9	1.2	ICUMSA GS2/9-37	
Insoluble Matter	mg/kg	-	50	NTC 6298:2017 (ICUMSA, GS 2/3/9-19)	

MICROBIOLOGICAL REQUIREMENTS By the Plate Counting Technique NTC 607-2020	UNIT	n	c	SPECIFICATION		TEST METHODS	REMARKS
				m	M		
Mesophilic aerobic bacteria Count	UFC/g	5	3	20	60	NTC 3908: 2017 (ICUMSA GS2/3-43)	Microbiological specifications in this technical data sheet refer to the defined limits in the NTC 611, however complying these parameters also guarantee the compliance of the Resolution 1407/2022 given by the Colombian Ministry of Health and Social Protection.
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 level of quality. m = Maximum permissible index to identify the level of good quality.  
c = Maximum number of permissible samples with results between m and M.

PESTICIDE RESIDUE REQUIREMENTS Resolution 2906 of 2007	UNIT	SPECIFICATION		TEST METHODS	REMARKS
2,4-D	mg/kg	Maximum	0.05	HYDR_01_A	Own procedures of accredited external laboratory
Aldicarb		Maximum	0.1	LMS_01_B	
Azinfos-Metilo		Maximum	0.2	LMS_01_B	
Carbofuran		Maximum	0.1	LMS_01_B	
Ethopropho		Maximum	0.02	GMS_01_B	
Glyphosate		Maximum	2.0	GGA_01_B	
Propiconazole		Maximum	0.05	LMS_01_B	
Tebuconazole		Maximum	1.0	LMS_01_B	

HEAVY METALS AND CONTAMINANTS REQUIREMENTS	UNIT	SPECIFICATION		TEST METHODS	REMARKS
Arsenic (AS)	mg/kg	Maximum	0.5	SM 3120 A,B Ed 23. Modified	Specifications of heavy metals according to NTC 611:2020 and other contaminants according to Resolution 3709 of 2015
Copper (Cu)		Maximum	1	AOAC 984.27 Ed 21 de 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	SPECIFICATION		TEST METHOD	REMARKS
Appearance	Not applicable	Uniform grain in color		NTC 6341: 2029	Foreign matter refers to material that is not characteristic of the process of sugar production, like metallic particles and insect parts. There are other particles that are specific to the production process, like white, black and brown particles, each one has a defined limit (unit/kg).
Taste		Signature Sweet			
Smell		Free of strange odors			
Foreign Matter (visual)	Absence				
Particles (visual)	Unit/kg	White	20		
		Black (> 1.5 mm)	7		
		Other	20		

#### STORAGE CONDITIONS

For conservation, 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 residue, strong odors and/or elements that alter its presentation. The product does not contain any type of coloring, flavoring or flavoring. It is recommended not to store the product on wooden pallets.

#### ALLERGENS INFORMATION

Our process is permanently monitored, guaranteeing that our sugars do not contain levels higher than 10 mg/kg of sulfur dioxide (SO<sub>2</sub>), which is the maximum allowable limit, according to NTC 611-2020.

#### DISTRIBUTION & DELIVERY METHODS

The distribution method is carried out using vehicles designated as food transport, clean, free of waste, odors or any other element that alters the product or its presentation. Delivery of the items will be arranged at a suitable location proposed by the buyer. The types of vehicles used are dump trucks, bodies, vans, double trucks, and tankers. The hiring of these vehicles can be carried out under the responsibility of the client or carried out directly by the mill.

#### LABELING REGULATORY AFFAIRS

For national marketing, Resolution 5109 of 2005 (labeling), Resolution 810 of 2021 (nutritional table), NTC 512-1,512-2 and NTC 611-2020 (on the issue of 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 depending on the country to which it is going to be exported. Repackaging is prohibited. The quality and safety of this product is not guaranteed if its name, brands and/or packaging changes.