



CALIFORNIA

CANE SUGAR INC.

WHITE CANE SUGAR DATA SHEET

PHYSICOCHEMICAL REQUIREMENTS	Unit	SPECIFICATION		TEST METHODS	REMARKS		
		Minimal	Maximum				
Polarization at 20°C	°Z	99.6	-	NTC 586: 2021 (ICUMSA GS2/3-1)	UI (International Unit).		
Conductivity ash	% 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 180 - Type B	NTC 5969 2021 (ICUMSA GS 2/3-9)			
Turbidity at 420 nm	UI	-	80	NTC 5969 2021 (ICUMSA, GS 2/3-9)			
Sulfur dioxide (SO2)	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 the Plate Counting Technique NTC 2085-2020	UNIT	SPECIFICATION		n	c	TEST METHODS	REMARKS
Mesophilic aerobic bacteria count	UFC/g	20	60	5	3	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 permissible samples with results between m and M.
Total Coliform Count		<10	10	5	3	NTC 6086: 2014	
Mold Count		10	40	5	3	NTC 3954: 2017 (ICUMSA, GS2/3-47)	
Yeast Count		10	40	5	3	NTC 3954: 2017 (ICUMSA, GS2/3-47)	
Escherichia coli count		<10	-	5	0	NTC 6086: 2014	
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			
Tebufoenozide		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 2085:2020 and other contaminants according to Resolution 3709 of 2015	
Copper (Cu)		Maximum	1.0	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	Specifications		TEST METHOD	REMARKS		
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, bagacillo, charcoal or calcareous incrustations. There are other particles that can be found, composed by the same nature as sugar, such as white, black and others (light brown or beige) to which a limit expressed in unit/kg has been defined.		
Taste		Signature Sweet					
Smell		Free of strange odors					
Foreign Matter (visual)	Absence						
Particles (Count)	White	20					
	Black (>1,5 mm)	1					
	Other	20					
STORAGE CONDITIONS							
For preservation, store in a covered, cool, 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 odours and/or elements that alter its presentation. The product does not contain any type of coloring, flavoring or flavoring.							
ALLERGENS 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 2085-2020.							
DISTRIBUTION & DELIVERY METHODS							
The distribution method is carried out using vehicles designated as food transport, clean, free of residues, odors or any other element that alters the product or its presentation. The delivery of the items will be arranged at a suitable place proposed by the buyer. The types of vehicles used are dumps, bodies, vans, double trucks, tankers. The contracting of these vehicles can be carried out under the responsibility of the customer or directly carried out 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 2085-2020 (for product quality seals) must be taken into account. For international marketing, Codex Stan 4-1985, Rev. 1-1991: 2005 should be considered. General standard for the labelling of pre-packaged foods and specific regulations depending on the country to which they are to be exported. No repacking. The quality and safety of this product is not guaranteed in the event that its name, brands and/or packaging change.							