



CALIFORNIA

CANE SUGAR INC.

TURBINADO SUGAR DATA SHEET

PHYSICOCHEMICAL REQUIREMENTS	UNIT	SPECIFICATION		TEST METHODS	REMARKS		
		Minimal	Maximum				
Polarization at 20°C	°Z	96	-	NTC 586 (ICUMSA GS2/3-1)	UI (International Unit)		
Moisture Granules	%	-	1.0	NTC 572 (ICUMSA GS3/1/3-15:2022)			
Color at 420 nm, at the customer's discretion	UI	1500	5000	NTC 5969 Method A (ICUMSA GS1/3-7:2002)			
Factor of Safety	Not applicable	-	0.30	NTC 607: 2020			
Conductivity ash	% 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 the Plate Counting Technique NTC 607-2020	UNIT	n	SPECIFICATION		TEST METHODS	REMARKS	
Mesophilic aerobic bacteria count	UFC/g	5	c	m	M	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		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)	
Recuento de escherichia coli		5	0	<10	-	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			
Tebufozide		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 607:2020 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: 2019			
Taste		Signature Sweet					
Smell		Free of strange odors					
Foreign Matter (visual)	Absence						
Particles (visual)	White	20					
	Black (> 1.5 mm)	7					
	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 607-2020.							
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 607-2020 (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 repackaging. The quality and safety of this product is not guaranteed in the event that its name, brands and/or packaging change.							