



PRODUCT TECHNICAL SPECIFICATION

Number: FT-CDA-ME-67-C

Unity: Corporate

Review: 01

Review Date: 15/04/2024

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ORGANIC CANE SUGAR EXTRA LIGHT (22,68KG AND 1.000KG)

1. COMPANY IDENTIFICATION

Name:	Jalles		
Address:	Rodovia GO 080 KM 185, S/N Fazenda São Pedro Zona Rural.		
City:	Goianésia	CNPJ:	02.635.522/0001-95
State / Country (Origin):	Goiás / Brazil	Zip Code:	76.388-899
Phone.:	+55 (62) 3389-9000	E-MAIL	organicsugar@jalles.com

Name:	Unidade Otávio Lage		
Address:	Rodovia GO 338 KM 33, à Esquerda, KM 3 - Zona Rural.		
City:	Goianésia	CNPJ:	02.635.522/0049-30
State / Country (Origin):	Goiás / Brazil	Zip Code:	76.389-899
Phone.:	+55 (62) 3389-9100	E-MAIL	organicsugar@jalles.com

2. PRODUCT

Product description:	ORGANIC CANE SUGAR EXTRA LIGHT	Brand:	ITAJÁ
Manufacturer:	Jalles / Otávio Lage	NCM code:	1701.99.00
Packing type:	Packaging of Kraft Multi Puff paper with liner. 100% virgin polypropylene fabric – Big bag with liner.	Shelf life:	4 years

PRESENTED ON THE PACKAGING:

Net Weight	Total Weight
22,68kg	22,880kg
1.000kg	1.002,860kg

PRODUCT COMPOSITION AND CHARACTERISTICS

The sugar (unrefined), which chemical formula is $C_{12}H_{22}O_{11}$ and molecular weight 342 mg/L, is composed of:

Sucrose: 98.5 to 99.9%; **Glucose + fructose:** 0.03 a 0.10%; **Mineral salts:** < 0.15%

The characteristics of the product may vary according to its specification, being presented in crystals shape, slightly yellow, with a characteristic sweet flavor.

APPLICATION/INTENDED USE

Direct consumption of the product or as ingredient for formulated product.

Note: Diabetics should have medical advice before consuming since the product is a source of sucrose.

PRESERVATION / CONSERVATION AFTER OPEN / TRANSPORT

The distribution is carried out through bulk trucks, sider, trailer, truck and similar. Trucks floors are lined with tarpaulin and bags are covered to protect from climatic conditions and contaminations.

Store the packaging always closed, at room temperature, not placed directly on the floor, in a dry and airy environment, free of moisture, heat, strong odors, away from chemicals and cleaning materials. Utensils for handling the product must be clean, dry and intact.

DISTRIBUTION CHANNEL

Wholesale, retail, distributors and as food industries.

RAW MATERIAL

NON-GMO (Non-genetically modified product) Organic sugar cane.

ALLERGEN DECLARATION

The ORGANIC CANE SUGAR EXTRA LIGHT is allergen free.

VEGAN / VEGETARIAN PRODUCT DECLARATION

Products of animal origin are not used in the production of the ORGANIC CANE SUGAR EXTRA LIGHT. Hence, this product is suitable for vegan and vegetarian consumption. This product is in accordance with Halal and Kosher requirements.

NON-IONIZED / NON-IRRADIATED PRODUCT DECLARATION

Equipments or productions processes do not use any source of ionization/irradiation to increase the *shelf life* of the product. The raw materials and inputs also do not pass through any type of radiation.

COMPLIANCE WITH PESTICIDE LEGISLATION

No chemicals are applied to the ORGANIC CANE SUGAR EXTRA LIGHT. All cultural practices are carried out according to the guidelines of the Biodynamic Institute (IBD), which certifies the production of organic sugar cane and the processing of organic sugar. Compliance with the legislation MAPA - Ordinance SDA No. 574, 05/9/22: Instituted the PNCRC - National Waste Control Plan and Contaminants/Vegetal.

NANOMATERIAL AND/OR NANOTECHNOLOGY DECLARATION

Nanomaterials and/or nanotechnology are not used in the sugar production process

GLUTEN FREE DECLARATION

The ORGANIC CANE SUGAR EXTRA LIGHT is a gluten-free product.

FOOD GRADE PACKAGING

All packages used are food grade (food) type.

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GARANTEE

This product was prepared and packaged in accordance with the sanitary and hygienic of Good Manufacturing Practices (including: Pest Control, Environmental Hygiene, Operational Hygiene, Glass Policy, Wood Policy) and meets the laws applicable to the food industries, contemplating study of the HACCP Plan, Recall Exercise, Food Defense / Bioterrorism and Food Fraud.

ENCODING / INTERPRETATION OF THE LOT**CODING FORMAT (22,68KG BAG):**

LOT: UMMMMDDDY**

EXP: DD/MMM/YYYY* TIME: HH:MM:SS

EXAMPLE:

LOT: J0736036023

EXP: 30/OCT/2024 TIME: 02:00:00

* Month must be expressed as: JAN – FEB – MAR – APR – MAY – JUN – JUL – AUG – SEPT – OCT – NOV – DEC

**U: Manufacturing Unit

**MMMM: SAP Material Code

**DDD: Day of bagging in Julian calendar

**YY: Year of bagging

CODING FORMAT (1MT BIG BAG):

LOT: UMMMMDDDY**

EXP: DD/MMM/YYYY*

NET WEIGHT: XXXX KG

MADE IN: BRAZIL

SEAL NUMBER BAG: XXXXXXXX

EXAMPLE:

LOT: J074736023

EXP: 30/OCT/2024

NET WEIGHT: 1.000 KG

MADE IN: BRAZIL

SEAL NUMBER BAG: 123456

* Month must be expressed as: JAN – FEB – MAR – APR – MAY – JUN – JUL – AUG – SEPT – OCT – NOV – DEC

**U: Manufacturing Unit

**MMMM: SAP Material Code

**DDD: Day of bagging in Julian calendar

**YY: Year of bagging

3. TECHNICAL SPECIFICATIONS – FINISHED PRODUCT

TYPE	PARAMETERS	LIMITS	UNIT OF MEASURE	METHOD OF ANALYSIS
Chemical Physicist	Color	≤ 400*	UI	ICUMSA GS9/1/2/3-8 (2011)
	Polarization	≥ 99,5	ºZ	ICUMSA GS1/2/3/9-1 (2011)
	Moisture	≤ 0,05	%	ICUMSA GS2/1/3-15 (2007)
	Ashes	≤ 0,07	%	ICUMSA GS2/3-17 (2011)
	Black dots	≤ 20	nº/100g	CTC-LA-MT1-002
	Magnetic particles	≤ 1,0	mg/kg	CTC-LA-MT1-004
	Gravimetric residue	≤ 50	mg/kg	ICUMSA GS2/3/9-19 (2007)
	Sulfite	≤ 1,0	mg/kg	ICUMSA GS2/1/7/9-33 (2011)
Sensory	Odor	Characteristic	-	Olfactory
	Flavor	Sweet	-	Sensory
	Appearance	Grain	-	Visual
TYPE	PARAMETERS	LIMITS	UNIT OF MEASURE	METHOD OF ANALYSIS
Microbiology	Salmonella	Absent in 25g	UFC/g	KIT REVEAL
	Total coliforms	Absent	UFC/g	Petrifilm
	Molds and Yeasts	< 10	UFC/g	Petrifilm
	Heterotrophic Bacteria	< 150	UFC/10g	Petrifilm
TYPE	PARAMETERS	LIMITS	UNIT OF MEASURE	METHOD OF ANALYSIS
Metal**	Copper	≤ 2,0	mg/kg	External Laboratory
	Arsenic	< 0,1	mg/kg	External Laboratory
Heavy Metal**	Lead	< 0,1	mg/kg	External Laboratory
	Mercury	< 0,5	mg/kg	External Laboratory

*This value can vary ± 40UI, according to the measurement uncertainty

**These results are based on Annual analysis carried out by accredited external laboratory.

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BIG BAG WITH LINER (1.000KG).



6. REFERENCES:

- MAPA - Ordinance SDA No. 574, 05/9/22: Instituted the PNCRC - National Waste Control Plan and Contaminants/Vegetal.
- ANVISA - RDC 623/2022 - Provides for tolerance limits for foreign matter in food.
- RDC 724, of July 1, 2022 - Provides on microbiological patterns of food and its application.
- RDC 722 of 1 July 2022 - Provides for the tolerated maximum limits (LMT) of contaminants in food, the general principles for its establishment and the methods of analysis for conformity assessment purposes.
- RDC 727 of 1 July 2022 - Technical regulation for the labelling of packaged foods.
- CODEX ALIMENTARIUS COMMISSION - LMR's and Pesticides allowed for sugarcane.
- ANVISA – RDC 655, of 24 March 2022 - Provides for food collection and communication to Anvisa and consumers.
- FR-QUA-032-C - Customer requirements.



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CONTROL OF CHANGES

DATA	REVIEW	REVISED ITEMS	ELABORATOR	APPROVAL
07/12/23	00	<ul style="list-style-type: none">• Creation of technical Specification.	Thais Munique	Fernanda Castro
15/04/24	01	<ul style="list-style-type: none">• Updated the packaging layout.• Update of item 6 (additional requirement 2.5.1 v.6 of FSSC22000 met)	Thais Munique	Fernanda Castro