



PRODUCT DATA SHEET

Refined White Sugar – ICUMSA 100 RBU

1. PRODUCT IDENTIFICATION

Product Name: Refined White Sugar	Grade/Quality: ICUMSA 100 RBU
Origin: Brazil • India (According to specific batch)	Description: White crystalline sugar, obtained from the crystallization of sugarcane juice, with a slight yellowish color compared to ICUMSA 45.

2. TECHNICAL SPECIFICATIONS

Feature	Specification	Method of Analysis (Reference)
Color (ICUMSA)	Maximum 100 RBU	ICUMSA GS2/3-10
Polarization	Minimum 99.50 °Z (at 20°C)	ICUMSA GS1/2/3-1
Sulphated ashes	Maximum 0.15 % by weight	ICUMSA GS1/3/4/7/8-13
Humidity	Maximum 0.10 % by weight	ICUMSA GS2/1/3-15
Solubility	100% Dry & Fluid	Visual
Granulometry	Fine to Medium (Per supplier specification)	Sieving
Crystal Color	White with a slight yellowish hue	Visual
Smell	Characteristic, free of strange odors	Organoleptic
Taste	Sweet, characteristic	Organoleptic
Magnetic Particles	Maximum 4 mg/kg	Magnetic Sensor
Reducing Sugars	Maximum 0.05 %	Analytic

Our Contac E-Mails:

negocios@cvenesca.com

ventas@cvenesca.com

info@cvenesca.com



3. MICROBIOLOGICAL SPECIFICATIONS

Feature	Threshold	Method of Analysis
Total Coliforms	Maximum 10 CFU/10g	Plate Counting
E. Coli	Absent	Detection
Molds and Yeasts	Maximum 10 CFU/10g	Plate Counting
Salmonella	Absence in 25g	Detection

4. CONTAMINANTS AND HEAVY METALS

Element	Maximum Limit (mg/kg)
Arsenic (As)	0.50
Lead (Pb)	0.50
Copper (Cu)	1.50

5. ADDITIONAL INFORMATION

• Ingredient: 100% Cane Sugar (<i>Saccharum officinarum</i>)	• GMO: Free of Genetically Modified Organisms (Non-GMO)
• Allergens: Does not contain known allergens according to current regulations.	• Shelf Life: 24 months from the date of production, under suitable storage conditions.

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6. PACKAGING AND STORAGE

• Primary Packaging: Food-grade polypropylene bags, sewn and sealed. Standard sizes: 50 kg. Optional: Big Bags.	• Labeling: Each package must carry a clear and legible label with the following information: Product Name, Grade/Quality, Origin, Net Weight, Lot Number, Production Date, Expiration Date, and recommended storage conditions.
• Storage: Store in a cool, dry, well-ventilated place protected from direct sunlight, moisture and strong odors. The recommended ambient temperature is 15°C to 25°C and the relative humidity is less than 65%.	•

7. CERTIFICATIONS (According to the origin of the product)

• Certificate of Analysis
• Certificate of Origin
• Other certifications according to local and international regulations.

Issue Date: July 2025

Note: This datasheet is subject to change without notice. Please refer to the latest version available.

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