



## PRODUCT DATA SHEET

### VHP (Very High Polarization) Raw Sugar – ICUMSA 600-1200

#### 1. PRODUCT IDENTIFICATION

- **Product Name:** Raw Sugar VHP (Very High Polarization)
- **Grade/Quality:** ICUMSA 600-1200
- **Origin:** Brazil (According to specific batch)
- **Description:** Raw cane sugar with a high polarization, characterized by its golden brown color due to the presence of molasses. It is an intermediate product mainly used as a raw material for refining.

#### 2. TECHNICAL SPECIFICATIONS

| Feature                | Specification                       | Method of Analysis (Reference) |
|------------------------|-------------------------------------|--------------------------------|
| <b>Polarization</b>    | 97.80% to 99.2% (at 20°C)           | ICUMSA GS1/2/3-1               |
| <b>Color (ICUMSA)</b>  | 600 - 1200 Attenuation Index Units  | ICUMSA Method No.: 4-1978      |
| <b>Humidity</b>        | Maximum 0.15 % by weight            | ICUMSA GS2/1/3-15              |
| <b>Sulphated ashes</b> | Maximum 0.15 % by weight            | ICUMSA GS1/3/4/7/8-13          |
| <b>Solubility</b>      | 95% Dry & Fluid                     | Visual                         |
| <b>Granulometry</b>    | 0.6 mm Regular Square (Medium Size) | Sieving                        |
| <b>Colour</b>          | Golden Brown                        | Visual                         |
| <b>Smell</b>           | Free of any odor                    | Organoleptic                   |

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| Feature            | Specification     | Method of Analysis (Reference) |
|--------------------|-------------------|--------------------------------|
| Magnetic Particles | Maximum 10 mg/kg  | Magnetic Sensor                |
| Reducing Sugars    | Maximum 0.05 %    | Analytic                       |
| SO <sub>2</sub>    | Maximum 120 mg/kg | Analytic                       |

### 3. ADDITIONAL INFORMATION

- **Ingredient:** 100% Cane Sugar (*Saccharum officinarum*)
- **GMO:** Free of Genetically Modified Organisms (Non-GMO)
- **Allergens:** Does not contain known allergens according to current regulations.
- **Harvest:** Recent Harvest

### 4. CONTAMINANTS AND HEAVY METALS

| Element      | Maximum Limit (ppm) |
|--------------|---------------------|
| Arsenic (As) | 1.0                 |
| Lead (Pb)    | 2.0                 |
| Copper (Cu)  | 3.0                 |

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## 5. PACKAGING AND STORAGE

- **Transportation:** Usually transported in bulk.
  - **Storage:** Store in a cool, dry, well-ventilated place protected from direct sunlight, moisture and strong odors. The recommended ambient temperature is less than 30°C and the relative humidity is less than 65%.
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## 6. CERTIFICATIONS (According to the origin of the product)

- Certificate of Analysis
  - Certificate of Origin
  - Other certifications according to local and international regulations.
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**Issue Date:** July 2025

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

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