

H'IRMASS CA



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# Premium Colombian Sugar

Product catalog: refined sugars, specialty sugars, molasses  
and cane derivatives

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## OUR PORTFOLIO

# Sugar solutions for every industrial and commercial need

### ICUMSA 45 Sugar

Maximum purity and international quality for export and demanding industrial processes.

### Refined White Sugar

Superior purity, quick dissolution and stable specifications for the food industry.

### Special White Sugar

Natural granulated cane sugar with uniform crystals, in Type A and Type B.

### Powdered Sugar

Ultra-fine grain for pastry, toppings, sauces and fillings.

### Raw & Turbinado

Natural sugars of 100% sugarcane origin in specific textures and granulometries.

### Molasses & Bagasse

Cane derivatives for alcohol, yeast, animal feed and bioenergy.

TECHNICAL OVERVIEW

# Sugar specifications at a glance

| Product         | Polarization | ICUMSA color    | Moisture  | Grain size |
|-----------------|--------------|-----------------|-----------|------------|
| ICUMSA 45       | ≥ 99.8 °Z    | 45 IU           | max 0.04% | Uniform    |
| White Sugar     | max 99.4 °Z  | 181–400 IU      | max 0.07% | 0.6–0.8 mm |
| Special White A | max 99.6 °Z  | min 150 IU      | max 0.06% | 0.6–0.8 mm |
| Special White B | max 99.6 °Z  | 151–180 IU      | max 0.06% | 0.6–0.8 mm |
| Raw Sugar       | min 96 °Z    | 400–2,000 IU    | max 1%    | 0.7–1 mm   |
| Turbinado       | min 96 °Z    | 2,000–50,000 IU | max 1%    | 0.9–1.3 mm |

Polarization in degrees Z (°Z). ICUMSA color in International Units (IU).

THE STANDARD OF EXCELLENCE IN REFINED SUGAR

# ICUMSA 45 Sugar

Globally recognized premium quality: perfect whiteness, world-class refinement and guaranteed purity for the world's most demanding industries.

**45**

ICUMSA GRADE

**$\geq 99.8^{\circ}\text{Z}$**

POLARIZATION

**Max 0.04%**

MOISTURE

**Very low**

ASH CONTENT

**Uniform**

GRANULOMETRY

**Free**

CONTAMINANTS

## Applications

- Beverage industry
- Confectionery and chocolate
- Industrial bakery
- Dairy products
- Syrups and concentrates
- Pharmaceutical industry

*The preferred sugar when neutral taste, clean color and maximum final-product stability are required.*

CANE SUGAR

# White & Special White Sugar

Natural, 100% sugarcane origin. Special White is granulated, with an unrefined white color and uniform crystals.

## White Sugar

100% CANE NATURAL PRODUCT

|              |             |
|--------------|-------------|
| Polarization | max 99.4 °Z |
| ICUMSA color | 181–400 IU  |
| Moisture     | max 0.07%   |
| Grain size   | 0.6–0.8 mm  |

## Special White A

TYPE A

|              |             |
|--------------|-------------|
| Polarization | max 99.6 °Z |
| ICUMSA color | min 150 IU  |
| Humidity     | max 0.06%   |
| Grain size   | 0.6–0.8 mm  |

## Special White B

TYPE B

|              |             |
|--------------|-------------|
| Polarization | max 99.6 °Z |
| ICUMSA color | 151–180 IU  |
| Humidity     | max 0.06%   |
| Grain size   | 0.6–0.8 mm  |

EXPERT LINE

# Powdered Sugar

Superior white color, ultra-fine grain and total purity: the finishing touch for special creative cuisine.

**99.9%**

## Sucrose

Maximum concentration and guaranteed sweetness from the origin.

**5X**

## Ultra-fine grain

Greater fineness, softness and better texture in preparations.

**Pure**

## Total purity

No chemical residues or artificial impurities, with a superior white color.

**100%**

## Recyclable

Eco-friendly low-density polyethylene packaging.

## POWDERED SUGAR

# Applications and customers

## Uses

### Dusting

European-style pastry and confectionery: perfect decoration.

### Topping

Toppings, pastillages and crafts with superior smoothness and texture.

### Sauce and filling

Versatile finishes and fillings: the chef's ideal ally.

## Target group

### Buyers

Chefs, bakers, pastry chefs and culinary professionals.

### Users

Professionals seeking a perfect finish and special-cuisine enthusiasts.

### Influencers

Culinary experts who reference premium brands for special recipes.

POWDERED SUGAR

# Available presentations

Packaging formats and units per bale.

| Presentation | Outer packaging | Units per bale |
|--------------|-----------------|----------------|
| 5 kg         | 25 kg bag       | 5 units        |
| 2.5 kg       | 12.5 kg bag     | 5 units        |
| 500 g        | Box             | 10 units       |
| 500 g        | 12.5 kg bag     | 25 units       |

*Need a different format? We adapt presentations to your market.*

NATURAL CANE SUGARS

# Raw & Turbinado Sugar

## Raw Sugar

100% sugarcane cultivated in Colombian fields

|              |              |
|--------------|--------------|
| Polarization | min 96 °Z    |
| ICUMSA color | 400–2,000 IU |
| Moisture     | max 1%       |
| Grain size   | 0.7–1 mm     |

## Turbinado Sugar

Natural product of 100% sugarcane origin

|                           |                 |
|---------------------------|-----------------|
| Polarization (20 °C)      | min 96 °Z       |
| ICUMSA color              | 2,000–50,000 IU |
| Moisture (strict control) | max 1%          |
| Grain size                | 0.9–1.3 mm      |

100% NATURAL SUGARCANE DERIVATIVES

# Molasses

Four grades, supplied in bulk, for alcohol, yeast and animal feed production.

| Grade           | Brix  | Sucrose | Main use                     | Presentation |
|-----------------|-------|---------|------------------------------|--------------|
| Molasses A      | 70%   | 51%     | Alcohol and yeast production | Bulk         |
| Virgin molasses | 68%   | 59.5%   | Alcohol and yeast production | Bulk         |
| Molasses B      | 79.5% | 43%     | Alcohol and yeast production | Bulk         |
| Final molasses  | 85%   | n/a     | Animal feed production       | Bulk         |

Brix measured at 20 °C. All values are minimums.

# Bagasse



## Renewable fuel

Clean bioenergy generation.



## Food

Ingredient for food production.



## Industrial input

Raw material for paper production.

### SPECIFICATIONS

Total moisture 48–50% by mass

Whole / demedulled

## PACKAGING

# Flexible presentations

Solutions adapted to every need, from the home kitchen to large industry.

## Industrial

Big bag

50 kg

30 kg

## Household

25 kg

1 kg

500 g

5 g

# Competitive advantages



**Premium quality**



**High solubility**



**Greater efficiency in production processes**



**Does not alter the color of the final product**



**Complies with international export standards**



**Ideal for demanding markets**

## CUSTOMIZED SOLUTIONS

# Need a different type or specification?

This catalog presents a selection of our most requested products, but every client and every project may have unique requirements. Contact us: through our extensive network of suppliers, we find and supply the ideal product for your needs.

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# Let's talk sugar

Premium quality from Colombia for the world.



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WEBSITE

[www.hirmassca.com](http://www.hirmassca.com)

Your trusted partner for premium sugar products and derivatives