



FEROM INTERNATIONAL LLC

International Sourcing & Integrated Logistics

PRODUCT TECHNICAL DATA SHEET

FEROM SUGAR IC45 – Colombia

Refined Cane Sugar – ICUMSA 45

Price: Pending quotation

1. Product Description

Refined cane sugar produced in Colombia, high purity, bright white color, free of foreign matter, fully soluble, and suitable for human consumption and industrial applications. Manufactured in a facility operating under FSSC 22000-compliant food safety systems. (Facility certifications available upon request.)

2. Technical Specifications

Physicochemical Parameters:

- ICUMSA Rating: Max. 45 IU
- Polarization (Sucrose): Min. 99.80% at 20C
- Moisture: Max. 0.05%
- Ash (conductivity): Max. 0.04%
- SO₂: Max. 5 ppm
- Solubility: 100% (dry, free-flowing)
- Color: Bright white
- Odor: Characteristic, no off-odors
- Taste: Sweet, characteristic

Appearance: Granulated solid, no agglomeration.

Microbiological Parameters:

- Total Coliforms: Max. 10 CFU/g
- Aerobic Mesophilic Count: Max. 60 CFU/g
- Molds: Max. 40 CFU/g
- Yeast: Max. 40 CFU/g
- E. coli: <10 CFU/g

Heavy Metals:

- Arsenic: 0.5 mg/kg
- Lead: 0.5 mg/kg
- Copper: 1.0 mg/kg
- Iron: 1.0 mg/kg

3. Safety & Processing Notes

- No additives.
- Produced under high-temperature and vacuum crystallization.
- Manufactured in a dedicated refined sugar facility.
- Hygroscopic: store below 70% RH.

4. Packaging**FEROM Sugar IC45 - Technical Data Sheet (EN)**

- 25 kg bags (polypropylene with polyethylene liner).

5. Shelf Life

- 24 months under cool, dry, sealed storage.

6. FEROM Notes

- Suitable for export.
- Meets food-grade purity and safety standards.
- Price depends on volume, port, and terms.
- Origin: Colombia.