

SPECIFICATIONS FOR SUGAR ICUMSA 45

Specifications

ICUMSA Color: Max 45 IU (very white / high purity)

Polarization (Sucrose): Min 99.80%

Moisture Content: Max 0.04%

Ash Content: Max 0.04%

Solubility: 100% dry and free-flowing

Reducing Sugar: Max 0.05% (varies slightly by standard)

Magnetic Particles: Max 4 mg/kg

SO₂ (Sulphur Dioxide): Max 20 mg/kg

Sediments: None

Color: Sparkling white crystal

Odor: Free from smell

Granulation: Fine to medium crystal

Microbiological & Safety

Free from harmful bacteria (e.g., Salmonella: nil)

Heavy metals within international food safety limits

Suitable for human consumption

Typical Applications

Food & beverage manufacturing

Bakery & confectionery

Soft drinks & dairy products

Pharmaceutical and industrial food processing