

## ALL BRAZILIAN SUGAR - SPECS

### What is ICUMSA?

#### *International Commission for Uniform Methods of Sugar Analysis (ICUMSA)*

The International Commission for Uniform Methods for Sugar Analysis (ICUMSA) is a regulatory organization which sets the global standard for quality control in sugar. ... Typically, an ICUMSA rating of 45 indicates a highly refined white sugar of high purity, whereas brown sugar would have a rating of around 1000.

#### **SUPER REFINED SUGAR 25 ICUMSA MAX**

- Colour MAX. 25 Icumsa
- Polarization MIN. 99.9 % Degree Polarization (OZ)
- Moisture MAX. 0.04 % by weight
- Conductivity Ash MAX. 0.015 % by weight
- Invert Sugar MAX. 0.03 % by weight
- Average Size 0.6 mm.
- Target M.A. 0.40 - 0.80 mm.
- Sediments MAX. 0.02 % by weight
- Arsenic MAX. 0.50mg/kg
- Lead MAX. 0.50mg/kg
- Copper MAX. 1.50mg/kg
- Pesticide NONE
- Sulphur Dioxide NONE
- Pathogenic Bacteria NONE
- Coli-form Bacteria MAX. 10 CFU/10 GM
- E. Coli NONE
- Yeast & Mold MAX. 10 CFU/10 GM

#### **REFINED SUGAR 45 ICUMSA MAX**

- Refined Sugar 45 Icumsa Max
- Colour MAX. 60 Icumsa
- Polarization MIN. 99.8 % Degree Polarization (OZ)
- Moisture MAX. 0.04 % by weight
- Conductivity Ash MAX. 0.10% by weight
- Invert Sugar MAX. 0.10 % by weight
- Average Size 0.60 - 0.90 mm.
- Target M.A. 1.00 ñ 1.50 mm.
- Sediments MAX. 0.02% by weight
- Arsenic MAX. 0.50mg/kg
- Lead MAX. 0.50mg/kg
- Copper MAX. 1.50mg/kg
- Pesticide NONE
- Sulphur Doioxide NONE
- Pathogenic Bacteria NONE
- Coli-form Bacteria MAX. 10 CFU/10 GM
- E. Coli NONE
- Yeast & Mold MAX. 10 CFU/10 GM



### **South Asia Corporation Inc.**

(Registered under -WCS; Tax Reg. # 19BBOPM7172D1ZA )

**Merchant Export | Trading | Project Consulting | Research and Development |**

Registered Office : APL-CCHA B203 322, New Jessore Road South, Kolkata (Calcutta), 700132,

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### **WHITE SUGAR 100 ICUMSA MAX**

- White Sugar 100 Icumsa Max
- Colour MAX. 100 Icumsa
- Polarization MIN. 99.8 % Degree Polarization (OZ)
- Moisture MAX. 0.04 % by weight
- Conductivity Ash MAX. 0.10% by weight
- Invert Sugar MAX. 0.10 % by weight
- Average Size 0.8 mm.
- Target M.A. 0.5 ñ 1.00 mm.
- Sediments MAX. 0.02% by weight
- Arsenic MAX. 0.50mg/kg
- Lead MAX. 0.50mg/kg
- Copper MAX. 1.50mg/kg
- Pesticide NONE
- Sulphur Doioxide NONE
- Pathogenic Bacteria NONE
- Coli-form Bacteria MAX. 10 CFU/10 GM
- E. Coli NONE
- Yeast & Mold MAX. 10 CFU/10 GM

### **Color 300-600 ICUMSA Sugar**

- Sucrose:99.4-99.8° (Direct Polarisation)
- Dextrose:150 M.A.U. max
- Invert Sugar:0.03% max.
- Moisture:0.01-0.08% max.
- Ash:0.02-0.09% max.
- Heavy Metals:5ppm max.
- Sulphite:10ppm max.
- MICROBIOLOGICAL ANALYSIS:
- TVC: < 1000/gm Solids
- Yeasts: < 20/gm Solids
- Moulds: < 20/gm Solids
- SHELF LIFE: 3 years from packing date

### **COARSE REFINED 60 ICUMSA SUGAR**

- Coarse Refined Sugar
- Colour MAX. 60 Icumsa
- Polarization MIN. 99.8 % Degree Polarization (OZ)
- Moisture MAX. 0.04 % by weight
- Conductivity Ash MAX. 0.10% by weight
- Invert Sugar MAX. 0.10 % by weight
- Average Size 1-1.8 mm.
- Target M.A. 1.00 ñ 1.50 mm.



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- Sediments MAX. 0.02% by weight
- Arsenic MAX. 0.50mg/kg
- Lead MAX. 0.50mg/kg
- Copper MAX. 1.50mg/kg
- Pesticide NONE
- Sulphur Doioxide NONE
- Pathogenic Bacteria NONE
- Coli-form Bacteria MAX. 10 CFU/10 GM
- E. Coli NONE
- Yeast & Mold MAX. 10 CFU/10 GM

### **DEMERARA Min. 1800 ICUMSA ñ Max. 4000 ICUMSA SUGAR**

- Demerara Sugar
- Colour Min. 1800 ICUMSA ñ Max. 4000 ICUMSA
- Polarization Min 98.50 Degree Polarization (OZ)
- Moisture Max. 0.2 Percent by weight
- Conductivity Ash Max. 0.8 Percent by weight
- Invert Sugar Max. 0.8 Percent by weight
- Sediments Max. 0.07 Percent by weight
- Target M.A. 0.9 ñ 1.4 mm.
- Average Size 1.00 mm.

### **What is ICUMSA 600 -1200 sugar**

Known as brown sugar, Icumsa 600-1200 is 100% raw refined and is produced after the first crystallization of sugar cane. This sugar is thicker than white sugar (known as Icumsa 45) and its color is brownish. Raw brown sugar from sugar cane, when fully refined, contains about 70% white sugar.

- COMMODITY: BROWN SUGAR “VHP” FOR HUMAN CONSUMPTION
- ORIGIN: BRAZIL
- ICUMSA: 600 TO 1500
- TYPICAL COLOR: BROWN,
- TYPICAL POLARIZATION: 97.8 degree to 99.2 degree
- SOLUBILITY: 95% MOISTURE: 0.15% MAXIMUM
- ASH CONTENT: 0.15%
- MAXIMUM GRANULATION: 0.6 mm of regular square (medium size)
- SUBSTANCE: SOLID CRYSTAL
- MAGNETIC PARTICLE: 10 MAX MG/KG
- RADIATION: Within internationally acceptable limits
- REDUCING SUGAR: 0.05% MAXIMUM BY WEIGHT
- SEDIMENTS: NONE
- SMELL: Free from unusual or abnormal smells
- HPN STAPH AUREUS: NIL
- SO2: 20 MG/KG MAXIMUM
- MAX AS: 1 P.P.M.



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- MAX PB: 2 P.P.M.
- MAX CU: 3 P.P.M.
- CROP: CURRENT

### **VHP RAW SUGAR (GRANULATED) 1500 ICUMSA MAX**

- VHP Raw Sugar (Granulated) 1500 Icumsa Max
- Colour Min. 600 ICUMSA ñ Max. 1500 ICUMSA
- Polarization Min 98.50 Degree Polarization (OZ)
- Moisture Max. 0.2 Percent by weight
- Conductivity Ash Max. 0.8 Percent by weight
- Invert Sugar Max. 0.8 Percent by weight
- Sediments Max. 0.07 Percent by weight
- Target M.A. 0.7 ñ 1.2 mm.
- Average Size 0.85 mm.

### **SOFT BROWN 14,000 ICUMSA SUGAR**

#### Soft Brown Sugar

The main characteristics of brown sugar are fine, dusty grain and liable to be lumpy, light to dark brown, with natural smell of sugar cane. It is directly processed from sugar cane with either a traditional method of vacuum-pan or modern method. It can be used as a substitution of white sugar, widely used in soya sauce, coconut sugar cake, an in general confectionary.

- Colour 14,000 ICUMSA MAX.
- Polarization Min 94.00 Degree Polarization (OZ)
- Moisture Max. 0.7 Percent by weight
- Packing 50 Kilogram

### **ORGANIC SUGAR**

Sugarcane is a plant that can be utilized very efficiently. After sugar is extracted, sugar cane trash (bagasse) is burned in boiler to be used as energy, and the residues removed in the sugar production process are brought back to the fields for use as fertilizer.

"When it comes to eco-friendliness, people tend to focus only on CO2 reduction, but sugarcane cultivation and the production of sugar is also friendly to soil and the global environment in that food residues are recycled in the process. It is a sustainable environmental activity that provides a reliable and safe food. This is organic in a broader sense."

All of their sugar comes from pure organic sugarcane syrup, which is characterized by its natural sweet taste. Organic sugar has been used by a variety of food manufacturers ranging from confectioners, to makers of jam, ketchup, seasoning soy sauce, among others

#### Organic Sugar

PRODUCT: Organic Cane Sugar



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**DESCRIPTION:** Sugar crystals extracted entirely from the juice of unburnt sugar cane. The flavour is smooth and mild with a slightly fruity aroma. The colour is light golden yellow.

**COUNTRY OF ORIGIN:** Brazil

**PACKAGING:** 25kg Food grade multi-wall paper sacks. Labelling includes weight, exporter, month of packing and inkjet printed batch number.

**STORAGE CONDITIONS:** Cool & Dry, ambient.

Currently, organic granulated white and brown sugars have gained popularity among consumers. Brown sugar is especially popular for its pure sweetness.



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