

**ICUMSA 45 SUGAR TECHNICAL SPECIFICATION**

Physical Details	ICUMSA 45
Color RBU	45 max.
Aspect	Proper
Smell	Proper
Flavor	Characteristic Sweet
Polarization (°Z)	99,80 min.
Humidity (%)	0,04 max.
Black Dots (N°/100g)	4 max.
Insoluble Residues (Level)	4 max.
Magnetic Particles (mg/Kg)	≤ 3
Conductive Ash (%m/m)	0,07 max.
Sulphite (mg/Kg)	10 max.
Starch (mg/Kg)	180 max.
Sucrose	99,60 min.
Dextran (mg/Kg)	150 max.
Granulometry	0,5 - 0,8 AM-mm
Coliforms at 45°C/g	Nill
Salmonella pp	Nill
Yeast and Molds	50 CFU/g max.
Bacillus cereus	Nill
Staphylococcus Aureus	10 CFU/g max.
Thermophiles Not Prod. H2S	4 N° (+) max.
Thermophiles Prod. H2S	5 CFU/10g max.
Thermophiles Prod. Flat-Sour	50 CFU/g max.
Total Aerobic Mesophiles	50 CFU/g max.
Antimony (mg/Kg)	0,10 max.
Arsenic (mg/Kg)	0,10 max.
Cadmium (mg/Kg)	1,0 max.
Chrome (mg/Kg)	0,10 max.
Copper (mg/Kg)	2,0 max.
Lead (mg/Kg)	0,10 max.
Tin (mg/Kg)	250 max.
Mercury (mg/Kg)	0,01 max.
Selenium (mg/Kg)	0,30 max.
Nickel (mg/Kg)	5 max.
DDT (mg/Kg)	0,005 max.
Protoxin (mg/Kg)	0,001 max.
Hexacloran-Gamma Isomer (mg/Kg)	0,005 max.
Solubility	100% dry and free flowing
Radiation	Within international limits
Crop	Fresh Current
Certifications	HALAL, KOSHER

