

OFFICIAL TECHNICAL SPECIFICATION - AGRO COMMODITIES

FCB-SPEC-SUGAR-EN-2026 | REV. 2026.08

Official Technical Datasheet: Brazilian Cane Sugar

Export Specifications: ICUMSA 45 (Refined White), ICUMSA 150 (White Crystal) & VHP (Raw Sugar)

1. OVERVIEW & BRAZILIAN ORIGIN

Origin: Brazil (Center-South Sugar Belt: Sao Paulo, Parana, Minas Gerais, Goias & Mato Grosso do Sul).

Current Crop: 2025/2026 - 2026/2027. 100% Pure Non-GMO Cane Sugar, food-grade for direct consumption & industrial use.

Compliance: Fully compliant with ICUMSA, CODEX Alimentarius, FAO/WHO, ISO 9001:2015 and MAPA standards.

2. PHYSICAL-CHEMICAL SPECIFICATIONS

Technical Parameter	ICUMSA 45 (Refined)	ICUMSA 150 (White Crystal)	VHP (Raw Sugar)
Polarization (Pol)	Min. 99.80 deg Z	Min. 99.50 deg Z	Min. 99.00 - 99.30 deg Z
Moisture Content	Max. 0.04% m/m	Max. 0.10% m/m	Max. 0.15% m/m
Conductivity Ash	Max. 0.04% m/m	Max. 0.10% m/m	Max. 0.15% m/m
Solubility	100% Dry & Free Flowing	99.8% Free Flowing	97.5% Semi-Soluble
Granulation	Fine to Medium Crystal	Medium Crystal Standard	Medium to Coarse Grain
Radiation (Cs-137)	Normal (Non-Radioactive)	Normal (Non-Radioactive)	Normal (Non-Radioactive)
Sulphur Dioxide (SO2)	Max. 20 mg/kg (ppm)	Max. 50 mg/kg (ppm)	Max. 100 mg/kg (ppm)
Color (ICUMSA Method 4)	Max. 45 IU (Sparkling White)	Max. 150 IU (Crystal White)	600 - 1,200 IU (Raw Amber)

3. COMMERCIAL, LOGISTICS & SHIPPING TERMS

Operational Terms	ICUMSA 45 Refined	ICUMSA 150 Crystal	VHP Raw Sugar
Minimum Order (MOQ)	1,000 MT (Container / Break Bulk)	1,000 MT (Container / Break Bulk)	12,500 MT (Bulk Vessel Cargo)
Standard Packaging	50kg PP Bags / 1,000kg Big Bags	50kg PP Bags / 1,000kg Big Bags	Bulk Vessel Hold (In Bulk)
Delivery Terms	FOB / CIF Incoterms 2020	FOB / CIF Incoterms 2020	FOB / CIF Incoterms 2020
Loading Ports	Santos & Paranagua Ports, Brazil	Santos & Paranagua Ports, Brazil	Santos & Paranagua Ports, Brazil
Payment Terms	100% Irrevocable DLC / SBLC	100% Irrevocable DLC / SBLC	100% Irrevocable DLC / SBLC
Inspection & Cert.	SGS / Bureau Veritas at Load Port	SGS / Bureau Veritas at Load Port	SGS / Bureau Veritas at Load Port

SGS / BUREAU VERITAS / HALAL / KOSHER / ISO 9001:2015 / GAFTA INSPECTED

Official document issued by FCB Trading & Oeste Agro. Governed by international ICC rules and formal SPA contracts.