

**Address:**

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# Sugar Specification

## ICUMSA VHP 600-1200 BROWN CANE SUGAR/RAW SUGAR

<b>SUGAR:</b>	BROWN CANE SUGAR /RAW SUGAR ICUMSA VHP 600-1200
<b>ORIGIN:</b>	BRAZIL
<b>POLARIZATION:</b>	99,2 DEGREES MINIMUM
<b>ASH CONTENT:</b>	0,15% MAX.
<b>COLOR:</b>	ICUMSA 600 TO 1200 TYPICAL
<b>SOLUBILITY:</b>	95%
<b>FLOWING:</b>	FREE
<b>COLOR :</b>	BROWN
<b>RADIATION :</b>	WITHIN INTERNATIONALLY ACCEPTABLE LIMITS
<b>GRANULATION:</b>	0,6 MM OF REGULAR SQUARE (MEDIUM SIZE)
<b>MOISTURE:</b>	0,15% MAX.
<b>MAG PARTICLES:</b>	10MG / KG.
<b>S02:</b>	120MG/KG MIN.
<b>SULPHUR DIOXIDE:</b>	60MG/KG MIN.
<b>SMELL :</b>	FREE FROM UNUSUAL OR ABNORMAL SMELLS.
<b>REDUCING SUGAR :</b>	0,05% MAX BY WEIGHT
<b>HPN S. AUREUS :</b>	NILL
<b>MAX AS :</b>	1 P.P.M
<b>CROP:</b>	2024

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## ICUMSA 150 CRYSTAL SUGAR

<b>SUGAR:</b>	WHITE REFINED CANE SUGAR ICUMSA 150
<b>POLARIZATION:</b>	99.70% DEGREES MIN
<b>ASH BY ELECTRICAL CONDUCT:</b>	0.08% MAX (ON DRY WEIGHT BASIS)
<b>ASH CONTENT:</b>	0.04% MAX
<b>MOISTURE:</b>	0.08% MAX ICUMSA

(INTERNATIONAL COMMISSION FOR UNIFORM METHODS OF SUGAR ANALYSIS): 150  
RBU MAX, BRAZIL S.G.S. SCALE.

<b>METHOD N°:</b>	4-1978
<b>SOLUBILITY:</b>	100% DRY AND FREE FLOWING
<b>COLOR:</b>	SPARKING WHITE
<b>RADIATION WITHIN:</b>	WITHIN INTERNATIONALLY ACCEPTED LIMITS
<b>GRANULATION:</b>	FINE WHITE CRYSTALS TO MEDIUM
<b>MAGNETIC PARTICLES:</b>	4 MP/K
<b>SO<sub>2</sub>:</b>	15 MG/KG
<b>SULPHOR DIOXIDE:</b>	20 MG/KG MIN
<b>SEDIMENTS:</b>	NONE
<b>SMELL:</b>	TYPICAL AND SPECIFIC FOR SUGAR
<b>REDUCING SUGAR:</b>	0.05% MAX BY WEIGHT
<b>NPN STAPH AUREUS:</b>	NOT DETECTED IN 1 GRAM
<b>MAXIMUM AS:</b>	5 P. P. M.
<b>MAXIMUM PS:</b>	2 P. P. M.
<b>CROP:</b>	2024

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# Sugar Specification

## ICUMSA 45 RBU WHITE REFINED CANE SUGAR

<b>SUGAR:</b>	WHITE REFINED CANE SUGAR
<b>ICUMSA :</b>	45 RBU
<b>ATTENUATION INDEX UNITS METHOD # 10- 1978</b>	
<b>ORIGIN:</b>	BRAZIL
<b>POLARIZATION :</b>	99.80% MINIMUM
<b>MOISTURE :</b>	00.04 % MAXIMUM
<b>SULPHATED ASH CONTENT :</b>	00.04 % MAXIMUM
<b>SO2 :</b>	20 PPM
<b>GRANULATION :</b>	FINE STANDARD
<b>SOLUBILITY :</b>	100% DRY AND FREE FLOWING
<b>RADIATION :</b>	NORMAL W/O PRESENCE OF CESIUM OR IODINE
<b>SO2:</b>	CERTIFIED
<b>COLOR :</b>	CRYSTAL WHITE
<b>SEDIMENTS :</b>	NONE
<b>SMELL :</b>	FREE OF ANY SMELL
<b>MAGNETIC PARTICLES :</b>	MG/K4
<b>SO :</b>	MG/K 20
<b>MAX AS :</b>	1 P.P.M.
<b>MAX OS :</b>	2 P.P.M.
<b>MAX CU :</b>	3 P.P.M.
<b>REDUCING SUGAR :</b>	0.010% MAXIMUM IN DRY MASS
<b>HPN STAPH AUREUS :</b>	PER 1 GRAM – NIL
<b>MICROBIOLOGICAL LIMITS :</b>	P ATHOGENIC BACTERIA INCL. SALMONELLA/1 GRAM – NIL BACILLUS PER 1 GRAM – NIL
<b>SUBSTANCE :</b>	SOLID, CRYSTAL
<b>PESTICIDE TRACES :</b>	MAXIMUM MG/KG BASIS – DDT 0.005 – PHOTOXIN 0.01 – HEXACHLORAN – GAMMA ISOMER 0.005
<b>CROP :</b>	2024