

## ANALYSIS CERTIFICATE

REFINED SUGAR IN BAGS OF 1000 Kg FOR EXPORT.

CERTIFICATE TO:  
 CERTIFICATION DATE: 26/08/2020  
 PRODUCT: Refined sugar grade two in bags of 1000 kg.  
 PRODUCTION REGISTER: Bags numbers 8987 to 12524, from 06/08/2020 to 17/08/2020.  
 EXPIRATION DATE 06/08/2022  
 EXPIRATION DATE 17/08/2022  
 QUANTITY: 50 Bags  
 LOT NUMBER: 4308 to 4727  
 Ship  
 REFERENCE: 9062912

ANALYSIS	REQUIREMENT	Refer to...	RESULTS
Assay (Purity)	No less than 99.9%	ICUMSA GS1/2/3-1	99.96
Conductivity Ash	Maximum 0.015% w/w	ICUMSA GS2/3-17	0.004
Moisture	Maximum 0.040% w/w	ICUMSA GS2/1/3-15	0.021
Color	Maximum 45 UI	ICUMSA GS2/3-10	31
Turbidity	Maximum 25 UI	ICUMSA GS2/3-18	7
Floc Potential	No floc formation present	ICUMSA GS2/3-40	No Floc
Invert Sugar	Máximum 0.04 % w/w	ICUMSA GS2/3-9/5	0.011
Sulfur Dioxide	6,0 mg/kg maximun	ICUMSA GS2/1/7-33	0.03
Sediment	7 mg/kg maximun	ICUMSA GS2/3/9-19	3.70
Appearance	White cristals or crystal clear powder	SM-PR-420	White cristals
Odor	No off-odor	SM-PR-420	Free of all
Taste	Typically sweet with no off-taste	SM-PR-420	Free of all
Odor after Acidification	No off-odor	SM-PR-310	Free of all
Mesophilic Total Count	Less Than 130 cfu per 10 g (dry sugar basis)	ICUMSA GS2/3-41, 43	40
Yeast	Less Than 30 cfu per 10 g (dry sugar basis)	ICUMSA GS2/3-47	15
Mold	Less Than 10 cfu per 10 g (dry sugar basis)	ICUMSA GS2/3-47	0
Total Coliforms UFC/10g	Less Than 50 cfu per 10 g (dry sugar basis)	NTC 4306:2017	0
E. Coli	0 cfu per 10 g (dry sugar basis)	NTC 4306:2017	0
Heavy Metals			
Arsenic (as As)	0.1 mg/kg Maximum	ICUMSA GS2/3-23	<0.010
Copper ( Cu )	1.0 mg/kg Maximum	ICUMSA GS2/3-29 -94	0.208
Lead ( Pb )	0.1 mg/kg Maximum	ICUMSA GS2/3-24-98	<0.010
Iron	1,0 mg/kg maximum	ICUMSA GS2/3/7/8-31-94	0.078

NOTE: Usefull life 2 years to 25 °C and with relative humidity 80 %

It full fits the established parameters in the CODEX NORM STAN 4 - 1981 Alimentarius