

**ACCREDITATION SCOPE**  
**COGUANOR NTG ISO/IEC 17 025:2005**

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**Accreditation Code:** OGA-LE-003-04

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**ACCREDITED SCOPE**

Test	Method	Lab. Internal Procedure	Testing Item	Unit	Range	U
1. Determination of the Polarization of Raw Sugar without Wet Lead Clarification	GS1/2/3-2 (2005) ICUMSA	LAB.PA.051	Raw Sugar	• Z	96.00-99.80	0.086
2. Braunschweig Method for the Polarization of White Sugar by Polarimetry	GS2/3-1 (1994) ICUMSA	LAB.PA.052	White sugar	• Z	99.80-100.00	0.055
3. The Determination of Sugar Moisture by Loss on Drying	GS2/1/3-15 (2005) ICUMSA	LAB.PA.053	White and Raw sugar	%	0.01-2.00	0.0096
4. The Determination of Conductivity Ash in Raw Sugar, Brown Sugar, Juice, Syrup and Molasses	GS1/3/4/7/8-13 (1994) ICUMSA	LAB.PA.054	Raw Sugar	%	0.09-0.50	0.019
5. The Determination of Conductivity Ash in Refined Sugar Products	GS2/3-17 (2002) ICUMSA	LAB.PA.055	White sugar	%	0-0.08	0.0004
6. Determination of the Solution Color of Raw Sugars and Colored Syrups at pH 7.0	GS1/3-7 (2002) ICUMSA	LAB.PA.056	Raw Sugar	IU	50-7000	15.2
7. Determination of Starch in Raw Sugar by the BSES method	GS1-16 (2005) ICUMSA	LAB.PA.058	Raw Sugar	mg/kg	0-400	12.72
8. Determination of Insoluble Matter in White Sugar by Membrane Filtration	GS2/3-19 (2002) ICUMSA	LAB.PA.066	White and powdered sugars	mg/kg	0-2000	13

Test	Method	Lab. Internal Procedure	Testing Item	Unit	Range	U
9. Determination of Retinol (Vitamin A) in white and powdered sugars	INCAP CA-100B-05	LAB.PA.068	White and powdered sugars	mg/kg	0-50	0.097
10. Determination of White Sugar Solution Color	GS2/3-10 (2005) ICUMSA	LAB.PA.072	White sugar	IU	0-50	3
11. Determination of Sulphite by the Rosaniline Colorimetric Method in White Sugar	GS2/1/7-33 (2005) ICUMSA	LAB.PA.073	White sugar	mg/kg	0-100	3
12. ICUMSA 10-Day Acid Beverage Floc Test for White Sugar	GS2/3-40 (2000) ICUMSA	LAB.PA.071	Refined Sugar	-----	0 - 4	----
13. Determination of Reducing Sugars in Cane Raw Sugar, Cane Processing Products and Specialty Sugars by the Lane and Eynon Constant Volume Procedure.	GS1/3/7-3 (2005) ICUMSA	LAB.PA.074	Raw Sugar	%	0.015 - 4	0.04
14. Determination of Reducing Sugars in White Sugar by the Knight and Allen EDTA Method.	GS2/3-5 (2001) ICUMSA	LAB.PA.075	White and Refined Sugar	%	0.002 - 0.05	0.0032
15. Determination of Reducing Sugars in Cane Molasses and Certain Refined Syrups by the Lane & Eynon Constant Volume Procedure	GS4/3-3 (2003) ICUMSA	LAB.PA.076	Molasses	%	0 - 100	0.39
16. Determination of Total Reducing Sugars in Molasses and Refined Syrups after Hydrolysis by the Lane & Eynon Constant Volume Procedure	GS4/3-7 (2003) ICUMSA	LAB.PA.077	Molasses	%	0 - 100	1.10
17. Determination of pH by a Direct Method	GS1/2/3/4/7/8-23 (1994) ICUMSA	LAB.PA.078	Sugar	pH	1 - 14	0.057

Test	Method	Lab. Internal Procedure	Testing Item	Unit	Range	U
18. Determination of Apparent Dry Substance (°Brix) of Molasses using a Hydrometer.	GS4-15 (1994) ICUMSA	LAB.PA.080	Molasses	%	0 - 95	0.17
19. Determination of the Turbidity of White Sugar Solutions	GS2/3-18 (2007) ICUMSA	LAB.PA.081	Refined Sugar	IU	0 - 50	2

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**Further information:**

**Guatemalan Accreditation Office (OGA)**

National Quality System

Ministry of Economy

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