

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

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Test	Method	Lab. Internal Procedure	Testing Item	Unit	Range	U
1. The Determination of the Polarisation 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 Polarisation 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	0.0072
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	%	0.05-0.50	0.019
5. The Determination of Conductivity Ash in Refined Sugar Products	GS2/3-17 (2002) ICUMSA	LAB.PA.055	White sugar	%	0-0.05	0.0004
6. Determination of the Solution Colour of Raw Sugars and	GS1/3-7 (2002) ICUMSA	LAB.PA.056	Raw Sugar	IU	50-7000	15.2

Coloured Syrups at pH 7.0						
7. The Determination of Starch in Raw Sugar by the BSES method	GS1-16 (2005) ICUMSA	LAB.PA.058	Raw Sugar	mg/kg	0-400	12.71
8. The 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
9. The Determination of Dextran in Raw Sugar by a Modified Alcohol Haze Method	GS1-15 (2005) ICUMSA	LAB.PA.067	Raw Sugar	mg/kg	0-800	9
10. 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	0.057
11. The Determination of White Sugar Solution Colour	GS2/3-10 (2005) ICUMSA	LAB.PA.072	White sugar	IU	0-50	3
12. 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
13. A-The ICUMSA 10-Day Acid Beverage Floc Test for White Sugar	ICUMSA Método GS2/3-40 (2000)	LAB.PA.071	Refined Sugar	-----	0 - 4	----
14. The Determination of Reducing Sugars in Cane Raw Sugar, Cane Processing Products and Specialty Sugars by the Lane and Eynon Constant Volume Procedure.	ICUMSA Método GS1/3/7-3 (2005)	LAB.PA.074	Raw Sugar	%	0.015 - 4	0.04

15. The Determination of Reducing Sugars in White Sugar by the Knight and Allen EDTA Method.	ICUMSA Método GS2/3-5 (2001)	LAB.PA.075	White and Refined Sugar	%	0.002 - 0.05	0.0032
16. The Determination of Reducing Sugars in Cane Molasses and Certain Refined Syrups by the Lane & Eynon Constant Volume Procedure	ICUMSA Método GS4/3-3 (2003)	LAB.PA.076	Molasses	%	0 - 100	0.39
17. The Determination of Total Reducing Sugars in Molasses and Refined Syrups after Hydrolysis by the Lane & Eynon Constant Volume Procedure	ICUMSA Método GS4/3-7 (2003)	LAB.PA.077	Molasses	%	0 - 100	1.10
18. The Determination of pH by a Direct Method	ICUMSA Método GS1/2/3/4/7/8-23 (1994)	LAB.PA.078	Sugar	pH	1 - 14	0.057
19. The Determination of Refractometric Dry Substance (RDS %) of Molasses	ICUMSA Método GS 4-13 (1994)	LAB.PA.079	Molasses	%	0 - 95	0.25

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**Further information:**

**Guatemalan Accreditation Office (OGA)**

National Quality System

Ministry of Economy

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