

**ACCREDITATION SCOPE**  
**COGUANOR NTG ISO/IEC 17 025, 1st revision**

**EXPOGRANEL, S.A.**  
**Testing Laboratory**

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

Accredited since: **2004-09-02**

Valid Until: **2021-04-02**

Test	Reference Method	Ítem	Unit	Range
The Determination of the Polarisation of Raw Sugar without Wet Lead Clarification.	GS1/2/3-2 (2009) ICUMSA	Raw Sugar	° Z	96.00-99.80
The Braunschweig Method for the Polarisation of White Sugar by Polarimetry.	GS2/3-1 (2011) ICUMSA	Refined Sugar	° Z	99.80-100.00
The Determination of Sugar Moisture by Loss on Drying.	GS2/1/3/9-15 (2007) ICUMSA	Cane Sugar	%	0.01-2.00
The Determination of Conductivity Ash in Raw Sugar, Brown Sugar, Juice, Syrup and Molasses.	GS1/3/4/7/8-13 (1994) ICUMSA	Raw Sugar, Brown Sugar, Juice, Syrup and Molasses	%	0.09-0.50
The Determination of Conductivity Ash in Refined Sugar Products and in Plantation White Sugar.	GS2/3/9-17 (2011) ICUMSA	White Sugar	%	0-0.08
The Determination of Insoluble Matter in White Sugar by Membrane Filtration.	GS2/3/9-19 (2007) ICUMSA	White Sugar	mg/kg	0-2000

Test	Reference Method	Ítem	Unit	Range
The Determination of Sulphite by the Rosaniline Colorimetric Method in White Sugar, in VVHP Raw Sugar, in Cane Sugar Juices and Syrups, in Plantation White Sugar..	GS2/1/7/9-33 (2011) ICUMSA	White Sugar, Raw Sugar, Juices, Syrups and Plantation White Sugar	mg/kg	0-100
The Determination of Reducing Sugar in Cane Molasses and Certain Refine Syrups by the Lane & Eynon Constant Volume Procedure.	GS4/3-3 (2007) ICUMSA	Molasses	%	0-100
The Determination of Total Reducing Sugars in Molasses and Refined Syrups after Hydrolysis by the Lane & Eynon Constant Volume Procedure.	GS4/3-7 (2011) ICUMSA	Molasses	%	0 - 100
The Determination of Apparent Dry Substance (°Brix) of Molasses using a Hydrometer.	GS4-15 (1994) ICUMSA	Molasses	%	0-95
The Determination of the Turbidity of White Sugar Solutions.	GS2/3-18 (2013) ICUMSA	Refined Sugar	IU	0-50
The Determination of Sugar Solution Colour at pH 7.0 by the MOPS Buffer Method.	GS9/1/2/3-8 (2011) ICUMSA	Azúcar Refinado	IU	0-16000

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**Further information:**

**Guatemalan Accreditation Office (OGA)**

National Quality System

Ministry of Economy

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