



# Polarimeter

## ICUMSA Methods

The International Commission for Uniform Methods of Sugar Analysis (ICUMSA) founded in 1897, publishes detailed laboratory procedures for the analysis of sugar. The following methods are based on the use of a polarimeter.

- GS1/2/3/9-1 (2011)** Determination of Polarisation of Raw Sugar  
- Official Method
- GS1/2/3-2 (2005)** Polarisation of Raw Sugar without Wet Lead  
Clarification - Tentative Method
- GS2/3-1 (2011)** The Braunschweig Method for the Polarisation of  
White Sugar by Polarisation - Official (Reference) Method
- GS3-1 (2002)** The determination of the Polarisation of the Sugar Component  
of Powdered Sugars Containing Ant-Caking Agents - Official  
Method
- GS4/7-1 (1994)** The Determination of Apparent Sucrose in  
Molasses by Double Polarisation Method - Accepted Method
- GS5/7-1 (2011)** Determination of Polarisation, Brix and Fibre in  
Cane and Bagasse by the Wet Disintegrator - Official Method
- GS6-1 (1994)** Determination of the Polarisation of Sugar Beet by  
the Macerator or Cold Aqueous Digestion Method  
using lead acetate as clarifying agent - Official Method
- GS6-3 (1994)** Determination of the Polarisation of Sugar Beet by  
the Macerator or Cold Aqueous Digestion Method  
using aluminium sulphate as clarifying agent - Official Method
- GS7-7 (2011)** Determination of Polarisation of Filter Cake - Accepted Method
- GS7-31 (2011)** The Determination of Pol by NIR Polarimetry and Brix for  
Sugarcane and Factory Product - Tentative Method
- SPS-1 (2002)** Specification and Standard SPS-1 (2002)  
Polarimetry and the International Sugar Scale - Official Method

Against fee you can buy the ICUMSA Method Book directly from the publisher „Verlag Dr. Albert Bartens KG“ or from Schmidt + Haensch.



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