

SUPS

Version 8
Issue Date: January 2021

Instructions for Handling Test Materials and Recording Results

Receipt and Storage

- On receipt of the test material, record the date and store at room temperature in a dry, insect free, volatile free storage area, until ready to test.
- The test material should be analysed in accordance with the deadlines provided.
- All test materials are presented in a ready-to-use format.

Sample 1, 3 and 4 White Sugar

Analyse these samples using your routine laboratory methods.

Sample 2 White Sugar

Reporting Instructions

- Please note the format for reporting metals in sample 2 has changed slightly. Participants are requested to report using the chosen ICUMSA method as their primary method and their quantification instrument as their secondary method. If none of the options are applicable, please report using the “Other” method and add a comment detailing the method used.
- The increase in collected data from participants will allow us to more fully analyse the reported results and to provide better feedback to ICUMSA.

Sample 5 Molasses

Analyse this sample using your routine laboratory methods.

Sample 7 Raw Sugar

Sample preparation for polarisation

- The sample is presented in two containers; the normal 500mL pot and a second vacuum seal pouch. The pouch has been added to improve the results for moisture analysis. Please use the pouch for moisture analysis first before using the sugar for any other analytes.
- It is recommended to perform a filtration of the solution process twice in order to obtain a stable polarimeter reading.

Reporting Instructions

- Please note the format for reporting polarisation has changed slightly. Participants are requested to report their choice of clarifying agent as a secondary method if they have used method GS 1/2/3/9-1. If the chemical used does not appear in the list provided, please choose “Other” and add a comment detailing the clarifying agent used. If participants have used method GS1/2/3-2, this information is not required.
- The increase in collected data from participants will allow us to more fully analyse the reported results and to provide better feedback to ICUMSA.
- For the analyte Dextran, please be advised the ICUMSA Method GS1/2/9-15 has recently been updated. Please include the version number of the method you are following in the comments section of Portal.

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Sample 10 Moisture

Sample preparation

- If possible, the test material should be tested in a temperature and humidity controlled environment. Record if this test was performed in a temperature and humidity controlled environment in the comments section on Portal.
- Sample to be opened just prior to commencing testing. Any deviation from this must be recorded in the comments section on Portal.

Sample 11 High Fructose Corn Syrup (HFCS)

Analyse this sample using your routine laboratory methods.

Recording Results

- All results should be submitted using PORTAL
- Please go to <https://portal.lgcstandards.com/login>
- Login using your Lab ID, username and password.
- A PORTAL user guide can be downloaded from the help section.

If you need any help at all please do not hesitate to contact our support team using the details below or your local LGC representative.

Tel: +44(0)161 762 2500

Email: ptsupport@LGCGroup.com

The ICUMSA methods for microbiological and chemical analysis of sugar can be obtained from ICUMSA website at <http://www.icumsa.org>