LGC AXIO PROFICIENCY TESTING

SUPS

Sugar

lgcstandards.com/AXIO

ISO/IEC 17043 | ILAC-MRA UKAS PROFICIENCY TESTING 29821

SUPS

Sugar

The LGC AXIO PT SUPS scheme is suitable for all laboratories who analyse sugar and sugar products.

The quality of sugar has to be continually maintained, because in addition to its sweet taste it brings additional benefits to the foods and beverages it is used in, such as improving texture, enhancing flavour, providing consistency, providing natural preservation and many more.

LGC collaborates with the International Commission for Uniform Methods of Sugar Analysis (ICUMSA) who provide robust, internationally validated methods of analysis to aid the trade in sugar and sugar products.

ICUMSA representatives are involved in the review of progress and performance of SUPS and provide advice on the operation and future developments of the scheme.

Participating in SUPS will provide data to help identify performance issues with methods used and will underpin the quality of the analytical results used to inform the commercial decisions about the product.



SUPS

Sugar

Chemistry*	Analyte*
Cane or beet sugar	(Ash, Colour, Moisture, Polarisation, Reducing sugars, Reflectance grade, Sulfur dioxide, Sediment (insoluble), Turbidity. Arsenic, Cadmium, Copper, Iron, Lead, Mercury.
Molasses	Colour, Dry substance, Fermentable sugars, pH, Reducing sugars, Sucrose, Sulfated ash.
Raw sugar	Ash, Colour, Dextran, Moisture, Polarisation, Reducing sugars, Starch.
High Fructose Corn Syrup	Ash; Colour; Sucrose; Fructose; pH; Polarisation; Reducing sugars.

*The full range and availability of test materials and analytes is determined on an annual basis and may be added or removed. For accredited and non-accredited status please see current application form/scheme description.

Microbiology*	Analyte*
Lyophilised material	Enumeration of Thermophilic acidophilic bacteria (TAB), Total aerobic mesophilic count, Osmophilic yeast and mould, Yeast and mould.

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