LGC AXIO PROFICIENCY TESTING

QCS

Chocolate

lgcstandards.com/AXIO

ISO/IEC 17043 | ISO 9001

29821

QCS

Chocolate

The LGC AXIO PT Quality in Chocolate Scheme (QCS) is intended for chemists and microbiologists working in the chocolate and cocoa powder manufacturing industries.

Chocolate products are one of the specific food commodities whose composition is controlled at European level. Directive 2000/36/EC 'relating to cocoa and chocolate products intended for human consumption', sets common rules and definitions with regard to the composition, manufacture, packaging and labelling of chocolate and cocoa products.

Consumption of contaminated chocolate is rare yet there have been sporadic global outbreaks which have led to product recalls. The consequences could include damaged reputations, possible legal actions resulting in huge financial damage and more. A comprehensive quality assurance programme which includes regular participation in a suitable proficiency testing scheme, may help to safeguard against such negative outcomes.

QCS

Chocolate

Chemistry*	Analyte*
Chocolate	Water activity; Moisture; Energy; Fat; Saturates; Total nitrogen; Carbohydrate; Total sugars; Fructose; Glucose; Sucrose; Salt (from sodium); Sodium; Butyric acid; Theobromine; Cadmium.
Cocoa powder	Carbohydrate; Total sugars; Fructose; Glucose; Sucrose; Salt (from sodium); Sodium; Ash; Moisture; Theobromine; Caffeine; Total Arsenic; Cadmium, Lead.

* 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*
Chocolate & cocoa powder	Enumeration of Coliforms, Enterobacteriaceae, Enterococci, Total aerobic mesophilic count, Yeast and Mould. Detection of Salmonella species.

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