

Global Proficiency's BeverageChek programme has been developed to enable laboratories to validate their test methods and to benchmark their results among an established network of competent laboratories - providing independent verification that testing laboratories meet the industry's exacting standards.



PROGRAMME OBJECTIVE

The quality, and in particular, chemical and physical analysis of beverages is generally dependent on manufacturers own staff and, in some instances, that of independent testing laboratories. The BeverageChek proficiency testing scheme has been developed to provide a system for laboratories to independently validate their testing capability and to benchmark their results. The samples presented for testing cover a range of beverages, ensuring sample properties are representative of the industry testing.

BENEFITS OF PARTICIPATION

➤ Confidence in Results

Measurement of performance in comparison with other laboratories provides confidence that:

- Precision and Accuracy of test results and test methods are within acceptable limits.
- Results from participating laboratories (or groups of laboratories) are equivalent.
- In-house methods are equivalent to national or international standard methods.

➤ Credibility

Performance can be demonstrated to:

- Customers
- Regulatory Authorities
- Accreditation Agencies

➤ Compliance

- Laboratory Standards (e.g. ISO 17025)
- Regulatory and customer requirements

➤ Training

- Test performance from individual analysts can be monitored and reported over time.

ACCREDITATION

Global Proficiency is accredited to ISO/IEC 17043: Conformity Assessment - General Requirements for the competence of proficiency testing providers; our scope does not currently include our Carbonated Drinks category; however, it is operated under the same quality management system.

TIMETABLE & SAMPLES

Carbonated drinks are despatched in May each year. A two-sample set of both non-alcoholic & alcoholic beverages are offered in each round. Samples consist of a clear and a dark/opaque sample for both the alcoholic and non-alcoholic beverages.

AVAILABLE PRODUCTS AND TESTS

Carbonated Drinks

- Acidity (%m/v citric acid)
- Alcoholic Strength (%v/v) trace alcohol & ≈ 5%
- Benzoic Acid (mg/L)
- Brix (°Brix @ 20°C)
- Caffeine (mg/L)
- Carbonation (CO₂ g/L)
- Glucose + Fructose (g/L)
- pH (pH units)
- Phosphoric Acid as PO₄ (mg/L)
- Sorbic Acid (mg/L)
- Specific Gravity (g/ml @ 20°C)

The 'non-alcoholic' samples are chosen from a naturally fermented product and contain trace levels of alcohol ≤0.2 %alc/vol, which laboratories can submit results for in the programme for assessment.

Global Proficiency also offers Apple Juice, Orange Juice, Grape Juice, Cider, and Wine Proficiency Testing Programmes for Chemistry.

FOR MORE INFORMATION, PLEASE VISIT OUR WEBSITE

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OR EMAIL

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