



Food & Beverage Chemistry Proficiency Testing

The confidence in analytical data provided to producers can be enhanced through using proficiency testing. Proficiency testing (PT) provides evidence, from an independent source, regarding the competency of the laboratory supplying the analytical service.

Proficiency testing is also a necessary component for laboratories that wish to become accredited to ISO/17025 laboratory management standards. This provides the basis of laboratory accreditation in more than 40 countries, and other recognised laboratory quality assurance standards may also require that a proficiency testing programme is in place to check the actual performance of a laboratory process.

Fapas® is a leading provider of proficiency testing and runs a programme of over 600 tests every year in this area with a high number of participants, ensuring robust and reliable results you can make informed decisions from. We also use real food samples wherever possible to mimic true-to-life working scenarios.



Original thinking... applied

Food & Beverage Chemistry Proficiency Testing Schedule

Materials / Products	Type of Test / Properties Measured
Animal feed, pet food	3-MCPD, 1,3-DCP
Alcoholic drinks (beer, brandy, whisky, wine)	Acidity
Biscuits, cake mix	Acrylamide
Cereals and cereal products	Aflatoxins
Crisps (chips) snack food	Alcohol, congeners
Egg	Allergens
Fish and shellfish (prawns, crab, squid)	Antioxidants
Fruit and fruit juice	Authenticity
Halal compliance	Benzoic acid
Honey, jam	Biocides
Herbs, spices	Brix
Infant formula, infant food	Caffeine, theobromine
Meat and meat products (including offal)	Citric acid
Meal (soybean, canned meat, canned cheese & pasta)	Colours, dyes
Milk & milk powder	Contaminants
Nuts	Cyanuric acid
Oils and fats	Fatty acids
Packaging material solutions	Metals
Ready meals and snack foods	Melamine
Rice, rice cakes	Mycotoxins
Sauce	Nitrate and nitrite
Soft drinks	Nutritional elements
Sugar confectionery	PAHs, PBDEs, PCBs PFASs,
Tea, coffee	Pesticide residues
Vegetables and vegetable juice	Proximates (nutritional components)
Vitamin supplement	Quality indicators
	Sorbic acid
	SO ₂
	Sugars and sweeteners
	Veterinary drug residues
	Vitamins
	Water activity

Note: This list is shortened, with many tests and properties grouped together. Please visit www.fapas.com and search the database if your required matrix and/or analyte is not shown here.



Original thinking... applied

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