LGC AXIO PROFICIENCY TESTING

Labcare de Colombia
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DAPS

Alcoholic Drinks

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ISO/IEC 17043 | ISO/IEC 17025 | ISO 9001

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DAPS

Alcoholic Drinks

The LGC AXIO DAPS Alcoholic Drinks scheme covers a wide range of products including distilled spirits, wine, ciders and prepared lifestyle drinks, such as ready-to-drink cocktails and fruit based beverages.

Whilst alcohol content is an important analysis for duty payment purposes, there are many other analytes that influence the flavour of the product.

Consistent analytical performance in the laboratory, supported by participation in the LGC AXIO Proficiency Testing scheme, can help ensure the consistency of the product, keeping customers loyal to their favourite drinks.

DAPS

Alcoholic Drinks

Test Material*	Analyte*
Fermented & simulated wort	Alcohol, Gravity (original, residual, final), pH (fermented only), Residual fermentable sugars (total amount of glucose, maltose, maltotriose).
Clear/dark distilled spirit & scotch whisky	Acidity (total, volatile), Alcoholic strength (actual, apparent), Chill difference, Colour, Density, Ethyl carbamate, Fructose, Glucose, Sucrose, Sugars (total), NDMA, pH, Refractive index, Specific gravity, Total solids, Turbidity (Haze). 2-Methyl butanol, 3-Methyl butanol, 2 + 3 Methyl butanols, Acetal, Acetaldehyde, Ethyl acetate, Furfural, Iso-amyl acetate, Iso-butanol, Methanol, n-Butanol, n-Propanol Phenol. Calcium, Copper, Iron, Magnesium, Potassium, Sodium. 5-HMF, Coniferaldehyde, Ellagic acid, Gallic acid, Scopoletin, Sinapaldehyde, Syringaldehyde, Syringic acid, Vanillic acid, Vanillin. 2-Phenethyl acetate, 2-Phenethyl ethanol, Ethyl decanoate, Ethyl dodecanoate, Ethyl hexadecanoate, Ethyl hexanoate, Ethyl octanoate, Ethyl tetradecanoate, Ethyl-9-Hexadecenoate.
Simulated spirit	Alcoholic strength (actual, apparent), Citric acid, Ethyl carbamate, Fructose, Glucose, Sucrose, Sugars (total), Glycerol, Maltose, NDMA, pH, Propylene glycol.
Non chill filtered whisky	2-Phenethyl acetate, 2-Phenethyl ethanol, Ethyl decanoate, Ethyl dodecanoate, Ethyl hexadecanoate, Ethyl hexanoate, Ethyl linoleate, Ethyl linolenate, Ethyl octadecanoate, Ethyl octanoate, Ethyl oleate, Ethyl tetradecanoate, Ethyl-9- hexadecenoate.
Ciders	Acidity (total, volatile), Actual alcoholic strength, Carbon dioxide, Colour, Haze, pH, Specific gravity, Sulfur dioxide (total).
White/rosé & red wine	Acidity (total, volatile), Alcoholic strength (actual), Ascorbic acid, Citric acid, Colour at (420nm, 520nm, 620nm), Copper, Fructose, Glucose, Iron, Lactic acid, Malic acid, pH, Reducing sugars, Sorbic acid, Specific gravity, Sulfur dioxide (free, total). Ready to drink Acidity (total, volatile), Alcoholic strength (actual), Ascorbic acid, Benzoic acid, Brix, Carbon dioxide, Citric acid, Colour absorbance, Density, Dissolved oxygen, pH, Refractive index, Sorbic acid, Specific gravity, Sugars (total).
Liqueur	2-Methyl butanol, 3-Methyl butanol, 2 + 3 Methyl butanols, Acidity (total, volatile), Acetal, Acetaldehyde, Alcoholic strength (actual), Brix (total), Ethyl acetate, Furfural, Iso-amyl acetate, Iso-butanol, Methanol, n-Butanol, n-Propanol, pH, Refractive index, Residue, Specific gravity, Total solids.
Cream liqueur	Specific Gravity, Actual Alcoholic Strength, pH, Residue, Iso-Butanol, 2+3 Methylbutanols, Furfural, Total Brix, Refractive Index (20°C), Total solids.

*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.