



QDCS

Quality Dairy Scheme

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



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Quality Dairy Scheme

(QDCS) is a comprehensive proficiency testing scheme available to laboratories performing compositional and safety analysis in the dairy sector.

Laboratories may test dairy products to ensure a commercial product performs within preset quality standards, or to look for adulterations or contaminants that could adversely affect a product.

For laboratories that perform the analysis of dairy products using

traditional 'wet' chemistry techniques, as well as determinations by infrared analysers and other methods, participation in a relevant LGC AXIO Proficiency Testing scheme can provide confidence that results are meaningful and accurate which, in turn, helps to ensure the safety of dairy foodstuffs.

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Test Material*	Analyte*
Butter	Moisture, pH, Salt.
Cheese (hard, soft, processed)	Ash, Calcium, Carbohydrates, Cholesterol, Colour, Energy, Fat, Moisture, Lactose, pH, Protein, Salt, Saturates, Sodium, Sorbic acid, Total dietary fibre, Total sugars.
Double & single cream	Fat.
Whipping cream	Fat, Titratable acidity, Dry matter, Protein.
Milk	Calcium, Freezing point depression, Lactose, Protein, pH, Titratable acidity, Total solids.
Skimmed, semi-skimmed & whole milk	Fat.
Skimmed milk powder	Ash, Fat, Insolubility index, Moisture, Protein, Scorched particles, Titratable acidity, WPNI.
Whole milk powder	Fat, Insolubility index, Minerals (calcium, potassium, copper, sodium, chloride, iron, magnesium, manganese), phosphorus, zinc), Moisture, Protein, Titratable acidity, WPNI.
Milk powder	Vitamins A, C, D.
Whey Powder	Ash, Fat, Galactose, Lactose, Moisture, Protein, Scorched particles.
Whey protein concentrate	Ash, Bulk density, Fat, Insolubility index, Lactose, Moisture, pH, Protein.
Yoghurt	Fat, Protein, Total solids.
Buffer solution	pH.
Potassium hydrogen phthalate	COD.

* 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.

