

Food Product Offering

Analytical End-Use: Food Integrity Analysis

Analytical techniques used

Spectroscopy		Chromatography				Combustion	Wet chemistry	Physical testing	PCR	Other
ICP-OES/MS	AA	LCMS/LCMSMS	GCMS/GCMSMS	Ion Chromatography	HPLC FL UV/DAD				PCR	Immunoassay techniques

LGC's relevant standards products

Atomic spectroscopy and Ion Chromatography platforms:

- A+ Single-Element
- Speciation
- Isotopic elements
- AA Standards
- Individual anions and cations
- Multi-anion and multi-cation standards
- Ammonia
- Eluents

Chromatography platforms:

Contaminants / Food safety

- Alkaloids
- Allergens reference materials
- Antibiotics, Anthelmintics and Anticoccidials
- Beta agonists

- Food colours
- Fungicides
- Industrial dyes
- Marine biotoxins
- Mycotoxins
- Nitrofurans and nitrofurans metabolites
- Other EU unauthorised compounds including Chloramphenicol, Nitromidazoles, Stilbenes, Thyreostatic drugs and Zeranol
- Pesticides
- Sedatives, NSAIDs and Corticosteroids
- Steroids and Hormones

Chromatography platforms:

Compositional / Food quality

- Amino acids
- Antioxidants

- Caffeine related compounds
- Carotenoids
- Colour standards
- Food additives
- Lipid standards
- Matrix reference materials for milk, meat, vegetables, fruit cereals and beverages
- Polyphenols
- Preservatives
- Sugars
- Sweeteners
- Vitamins

PCR and Immunoassay standards:

- Meat speciation standards
- GMO reference materials
- Allergen reference materials



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