



Service Specification Milk and Dairy Products

Special Analytics for Milk and Dairy Products

- Verification of requirements for milk according to Regulation (EU) No. 1308/2013
- Verification of the requirements according to the Cheese Regulation
- Verification of the requirements according to the Milk Products Regulation
- Verification of the requirements for butter according to VO (EU) No. 1308/2013 and according to Butter Regulation

Basic Analytics

- Nutritional analysis
- Vitamins
- Minerals and trace elements

Residues and Contaminants

- Heavy metals
- Aflatoxin M1
- Dioxins and dioxin-like compounds
- Polychlorinated biphenyls
- Quaternary ammonium compounds
- Pesticide analysis by screening methods, supplemented by targeted individual methods
- Solvent residues
- Veterinary drug residues by screening and confirmatory methods
- Hormones
- Mineral oil hydrocarbons (MOSH/POSH/MOAH)

Genetically Modified Organisms (GMO)

- Screening, identification and quantification

Further Chemical and Molecular Biological Analyses

- Assessment of the admissibility of additives and verification of compliance with maximum levels according to Regulation (EC) No. 1333/2008
- Verification of the degree of heating of milk
- Animal species determination
- Testing for A2 beta casein

Allergens

- Allergens of vegetable origin (e.g. gluten, peanuts, nuts, mustard)
- Allergens of animal origin (e.g. eggs, fish) •
- Pseudo food allergens (e.g. sulphites, lactose)

Microbiology and Hygiene

- General microbiology
- Hygiene status (total microbial count)
- Spoilage pathogens (e.g. yeasts and molds)
- Indicator germs (e.g. Enterobacteriaceae, *E. coli*)
- Pathogens and their toxins (e.g. Salmonella, *Bacillus cereus*, *Staphylococcus aureus*, *Clostridium botulinum*)

Packaging Test

- Certificates of conformity
- Migration test
- Plasticisers (e.g. ESBO, semicarbazide)
- Mineral oil hydrocarbons (MOSH/POSH/MOAH)

Analysis According to Food Law Requirements

- Marketability tests
- National and international marking control
- Comparison with specifications

Special Issues

- Analyses according to Chinese GB standards
- Genetically modified organisms (GMO)
- Sensory analysis
- Consumer testing
- Food Fraud and Authenticity
- Audits and laboratory training
- On-site sampling
- Sample purchase and sample collection
- Certification according to IFS and BRC standards
- Consulting and support (e.g. HACCP, Food Defense, Food Fraud, Food Safety in Supply Chain)

The Advantages of Eurofins

- Personal account manager with detailed knowledge of analyses and legal issues
- Cross-checks through approved experts
- National and international network of experts in all areas of analysis
- Wide range of ISO 17025 accredited test