



In terms of food quality, you want to be absolutely confident that the results you get are reliable.

Welcome to the centre of excellence for food analysis



Our strong core competences in food chemistry and microbiology in combination with state-of-the-art technology are your assurance of top quality analyses produced at maximum efficiency and at a cost-effective price.

CLF is one of Europe's most advanced analytical laboratories **for uncompromising food safety.**

CLF is a full service food testing laboratory committed to monitoring the quality and safety of food products and their constituent raw materials – milk, cereals, fruits and vegetables.



Our laboratory has a well established track record in cost-efficient monitoring, accurate and reliable analyses, and sound interpretation of analytical results.

- CLF is the expert in food analysis using state-of-the-art equipment for methods developed and validated to the highest international standards with experienced personnel.
- CLF is the analytical partner for microbiology, nutrients and residues.
- CLF is the coach for best laboratory practices.
- CLF is the adviser for risk assessment and food quality.
- CLF is a centre of excellence for analysis of specialised nutrition like baby food, medical nutrition and dairy products.



Our laboratory processes a large variety of samples to determine a broad range of food-relevant parameters.

CLF analyzes food products to the **highest quality and safety standards** in compliance with national, EU and international regulations.

Quality and food safety analyses are carried out in specialised laboratories using methods developed and validated to the highest international standards. Qualified and experienced staff using state-of-the-art equipment and test methods analyse a full scope of parameters. CLF tests raw materials, intermediates, endproducts and

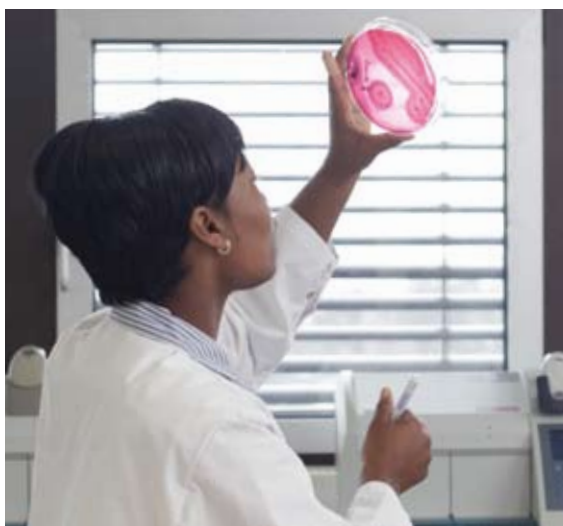
the production environment. The tests and their related samples for microbiology, nutrients and residues are planned in cooperation with the customer. Rapid provision of information and the accurate delivery of the results are standard practice for us.

	Environment Air, Soil, Water	Raw Materials Milk, Egg, Cereals, Fruits, Vegetables, etc.	End Products and Intermediates Liquids, Solids, Powders
Microbiology Pathogens: Salmonella, Listeria, E.coli VTEC, etc. Hygienic Indicator: Enterobacteriaceae, Bacillus cereus, etc. Quality Indicator: Enterococci, Yeast and Mould, etc.	X	X	X
Nutrients Vitamins, Carbohydrates, Amino Acids, Minerals and Trace Elements		X	X
Residues Allergen, Contaminants, Pesticides, Veterinary Residues/ Antibiotics, Heavy Metals and Toxic Metals, Mycotoxins		X	X



We offer comprehensive support services with the ultimate goal of improving reliable food quality and safety with the utmost cost-effectiveness.

CLF offers a **wide range of consultancy services** with the ultimate goal of improving food quality and safety.



These services range from customized projects, developing and validating analytical methods to training laboratory staff in specific techniques and methods, and carrying out laboratory audits.

Projects

Our dedicated scientists can perform studies to:

- Verify the safety of your product.
- Support your claims.
- Provide your customers with quality products.
- Develop and validate methods for chemical, physical and microbiological analyses.

Consultancy
Training
Auditing





Consultancy

Training

Auditing



Consulting

Our team is available to help you improve your quality assurance programs, reduce the risk of product recalls, and provide you with workable solutions to your science-based problems.

In addition to food analyses:

- Advice on developing, validating, and implementing analytical methods.
- Advice on food chemistry and legal requirements.
- Expert advice on chemical and microbiological issues.
- Assessment of microorganisms growth.
- Special projects such as stability tests, method development and support in the accreditation process.

Training

We provide:

- Tailor-made laboratory training.
- Coaching on best laboratory practices.
- Good Laboratory Practice (GLP) training.

Auditing

With years of experience in baby food and the specialized nutrition industry our specialists can help you identify potential risks in your safety programs and pass the strictest industry and regulatory standards.





Our experts prepare and conduct monitoring programs for manufacturing facilities to ensure the quality and safety of end products, intermediates and raw materials as well as products in-market.

CLF plans and implements monitoring programs for food products and their constituent raw materials because efficient monitoring can **help optimize quality control costs.**

Quality is vital in the production of food products and especially in food for vulnerable and sensitive groups. An essential tool in quality assurance (QA) is a monitoring program with expertly selected test parameters and sampling frequency. CLF prepares and conducts monitoring programs for manufacturing facilities to ensure the quality and safety of end products, intermediates and raw materials as well as products in-market.

Key parameters are selected on the basis of needs, relevance, experience and best practice to assess chemical composition, residues and contaminants, and microbiology. The results of the analyses are interpreted against a set of agreed criteria, identifying trends and thus enabling continuous improvements to be made.

Besides carrying out analyses in our own laboratories, CLF provides consulting and training services in setting up appropriate and cost-efficient product testing and monitoring.





We are fully accredited for testing
food, food raw materials and food
supplements.

Proven Quality in accordance with ISO standards, German food legislation and self-imposed international ring-trials.

DIN EN ISO / IEC 17025

All activities are carried out strictly according to the international standard for technical competence of testing and calibration laboratories. The accreditation covers all aspects of laboratory work from sample preparation to analytical testing proficiency, to record keeping and reporting.



Official Reference Laboratory

CLF is recognised as an official reference laboratory for the analysis of food samples and to provide a „second sample” analysis according to German food legislation. CLF and its experts are approved to carry out chemical, physical and microbiological analysis and assessment of food.



Our laboratory is also authorised to import food samples of animal origin from many countries around the world.

Performance Tests

The results of performance tests are used in the validation of analytical methods and for providing regular checks on the methods used. CLF participates in inter-laboratory performance tests, which provide objective standards to compare results with other laboratories.

CLF participates in inter-laboratory performance tests managed by international organisations such as:

- FAPAS (Central Science Laboratory, UK)
- Quality Management Ltd, UK
- German Society for Fat Research
- International working groups
- National working groups



Our customers and partner
laboratories located all over the world
trust in the competence of CLF.

CLF operates a **global network** to provide services wherever they are needed.

CLF is a completely globally oriented laboratory service provider.



The most important regions in which we operate include the majority of countries in Europe, as well as in Asia, for example Indonesia, China and Thailand.

This is possible due to an:

- Authorised import of food samples from many countries around the world.
- Easy-to-use web request system.
- International corporate culture.



CLF goes the extra mile: Top Class Laboratory Services with accurate and reliable results.

- CLF is one of Europe's most advanced analytical laboratories for uncompromising Food Safety.
- CLF analyzes food products to the highest quality and safety standards in compliance with national, EU and international regulations.
- CLF offers a wide range of consultancy services with the ultimate goal of improving food quality and safety.
- CLF plans and implements monitoring programs for food products and their constituent raw materials because efficient monitoring can help optimize quality control costs.
- Proven Quality in accordance with ISO standards, German food legislation and self-imposed international ring-trials.
- CLF operates a global network to provide services wherever they are needed.

Any questions? More information? A customized proposal?
Please contact us at info@clf.de

CLF Central Laboratories Friedrichsdorf GmbH
Bahnstraße 14-30
61381 Friedrichsdorf
Germany

Phone +49 (0) 6172 99 1012
Fax +49 (0) 6172 99 1967
E-Mail info@clf.de
Web www.clf.de

