

safe food

contaminants

packaging

migration

additives

adulteration

residues

food safety

regulations

Science comes to the dinner table...



*food* **life**  
international ltd.

## A changing world...

In today's fast-changing world, ensuring food safety is a significant issue to food producers, manufacturers, exporters, regulators and consumers. Testing of foods for residues & contaminants is big business. Methods of analysis have become increasingly sophisticated. Understanding the key issues and the complexity of food safety requires a depth of experience and wide-ranging interdisciplinary scientific skills. For the future, predicting emerging risks requires insight and a need to anticipate how a changing world will impact on food safety.



## Food safety emerging risks...

Regulatory authorities recognize that some risks can be foreseen such as the impact of climate change on food production and some risks can be prevented such as deliberate adulteration of milk with melamine. However, other dramatic events such as the deepwater horizon oil spill can have a huge impact on the food chain and are impossible to predict. However, planning for such contingencies is critical for the food industry and developing analytical tools for unrecognized contaminants in foods remains a major challenge.



## A unique combination of skills and experience in food safety..

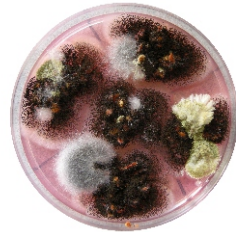
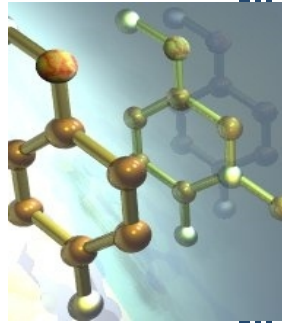
FoodLife International Ltd brings together a unique combination of skills and experience to support companies whose business is food and food safety. With 45 years combined experience in food safety and food testing gained by working in Government laboratories, we know and understand regulations and risk assessment which drives testing.

We understand the workings of food laboratories, methods of analysis, validation and accreditation.

Whether your problem relates to :

- mycotoxins,
- pesticides,
- veterinary drug residues,
- concerns authenticity/adulteration,
- packaging,
- illegal dyes

we have experience in the area and understand the unique issues each topic presents.



## Experience in establishing new food laboratories...

FoodLife International Ltd has experience in establishing new laboratories in different parts of the world.

We are experienced in:

- laboratory design,
- staff recruitment,
- training in trace analysis,
- monitoring laboratory efficiency,
- introducing quality systems,
- establishing a structured working environment,
- introducing validated methods of analysis,
- developing effective management systems.

We understand that operating an efficient and effective laboratory requires team-building and an awareness of best business practice which we can provide.



## Experience in supporting established laboratories...

Fresh eyes can often provide insights that are not apparent to those within an established organization.

We are experienced in conducting SWOT analysis to help improve competitiveness of contract laboratories in an ever competitive environment.

We can provide support in strategic development of laboratories and provide management tools to improve efficiency and increase staff motivation.

## Experience in developing new food safety/authenticity work areas...

Food safety does not stand still and to remain competitive those involved in testing must stay up-to-date with new technologies. We understand that making the best choice at the right time to introduce new instrumentation is business critical and we can provide help and support. Equally recognizing that your customers want new analytical services, to meet demands of a changing world requires insights which we can provide from our wide-ranging global network. We can advise on feasibility of new work areas and help you build your business by anticipating and expanding into delivery of new services.



## It is necessary to prove that analytical methods actually work...

A cornerstone to food analysis is to demonstrate that a technology or a method works equally well irrespective of the laboratory, wherever located in the world.

The process of establishing the performance of a method is known as a collaborative study (inter-laboratory method validation). Method validation can support a proprietary product or an instrumental technique and can be critical in product acceptance.



We are experienced in organizing and conducting international collaborative studies in term of:

- study design,
- sample preparation,
- distribution of samples,
- collation of results,
- statistical data analysis,
- peer-review publication.

We have a track record of success in validating methods that have met EC criteria for official purposes and methods which have been accepted by CEN and AOAC International for official purposes.



## Working internationally...

FoodLife International Ltd is networked with the international community in food safety. We are working with AOAC International, serving the European Food Safety Authority (EFSA) and have contacts with regulatory bodies across Europe including the European Commission. We have strong links with food safety laboratories internationally and know the key people to contact and involve when necessary in supporting our consultancy service to you. Our network of experts can be drawn upon to supply specialist help when needed.

## Communicating science to the outside world...

We recognize the importance of good communication whether delivering

- lectures,
- seminars,
- hands-on training courses,
- producing brochures,
- training material which explain products and services.

We are experienced in effectively delivering clear messages on behalf of our clients as both guest speakers for marketing seminars or in developing written material for brochures or trade magazines.

We are closely involved in scientific publishing acting in editorial and referee roles through to writing reviews and peer-reviewed papers. We can provide the help you need in drafting papers and in steering manuscripts from draft to final publication.

We are closely involved in preparing posters for scientific symposiums or exhibitions.





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