The key to your laboratory's success

Food Safety and Environmental Application Training

Thermo Fisher
SCIENTIFIC

Invest in Yourself

People are the most valuable assets in any lab. We offer comprehensive, professional training and certification through a complete course portfolio that can help you achieve the most from your instrumentation and results.

In addition to instrument-orientated courses, we can provide you with training specific to your analytical needs, which will give you detailed instruction on:

- **Instrument and Software setup for effective operations**
- **Routine Instrument Maintenance**
- **Data Evaluation and Interpretation**

You can choose either an optimal classroom course or on-site training directly in your laboratory. In both cases, world-class instructors will enhance your learning experience and allow you to gain greater productivity. As experts in their disciplines, our experienced specialists can provide a variety of education solutions to ensure that students are able to get the most value from their investment and achieve relative practical and theoretical knowledge.

Our Special Solutions Center is located in Dreieich, Germany.

We look forward to discussing your training needs and working with you to ensure your success with our products.

Food Safety and Environmental Application Trainings

Multi-pesticide method setup by UHPLC-HRAM

The training will be focused on the understanding of current pesticide analysis legislation, validation requirements and principles of pesticide residue analysis. During the course we will cover practical instruction on using the Thermo Scientific™ Pesticide Explorer Collection configuration and its implementation in routine screening and quantitative operation. Sample preparation and optimization using QuEChERS, system setting of the Thermo Scientific™ Q Exactive Focus Hybrid Quadrupole-Orbitrap™ Mass Spectrometer for routine pesticide analysis and data evaluation using Thermo Scientific™ TraceFinder™ software will be presented with a strong focus on hands-on experience.

Course length : 4 days.
Please contact us for more information and scheduling the course.

Multi-pesticide method setup by UHPLC-MS/MS

The training will be focused on the understanding of current pesticide analysis legislation, validation requirements and principles of pesticide residue analysis. During the course we will cover practical instructions on using the Pesticide Explorer Collection and its implementation in routine screening and quantitative operation. Sample preparation and optimization using QuEChERS sytem setting using the Thermo Scientific™ TSQ Quantis™ or Thermo Scientific™ TSQ Altis™ Triple Quadrupole Mass Spectrometers for routine pesticide analysis and data evaluation using TraceFinder software platform will be presented with a strong focus on hands-on experience.

Course length : 4 days.
Please contact us for more information and scheduling the course.

Food Safety and Environmental Application Trainings

Multi-pesticide method setup by GC-MS/MS

The training will be focused on the understanding of current pesticide analysis legislation, validation requirements and principles of pesticide residue analysis. During the course we will cover practical instructions using the Thermo Scientific™ TSQ™ 8000 Evo GC-MS/MS Pesticide Analyzer and its application in routine screening and quantitative operation. Sample preparation and optimization using QuEChERS, system setting for routine pesticide analysis and data evaluation using the TraceFinder software platform will be presented with a strong focus on hands-on experience.

Course length : 3 days.
Please contact us for more information and scheduling the course.

Targeted screening and quantitative analysis with the Q-Exactive Focus

The training will provide users guidance on the set up and optimization of the Q Exactive Focus Hybrid Quadrupole-Orbitrap Mass Spectrometer for routine screening and quantitative analysis of pesticide and mycotoxins residues. Setting of the system parameters for either ddMS2 or vDIA operation and data evaluation using TraceFinder software will be presented with a strong focus on hands-on experience.

Course length : 4 days.
Please contact us for more information and scheduling the course.

Accelerated Solvent Extraction Theory and Practical implementation

Sample preparation is perhaps the most important and often overlooked part of chemical analysis. Even the best analytical techniques cannot rectify problems generated by sloppy sample pre-treatment. The goal of the workshop is to familiarize you with the principles and operation of the automated Thermo Scientific™ Dionex™ ASE™ 350 Accelerated Solvent Extractor, its optimization, operation and maintenance. Various approaches to extraction and in-line cleanup techniques will be discussed with practical instructions for using the ASE 350 and the Thermo Scientific™ Rocket™ Evaporator System.

Course length : 2 days.
Please contact us for more information and scheduling the course.

Food Safety and Environmental Application Trainings

Mycotoxin analysis method setup by LC-MS/MS

The training is focused on in depth understanding of current mycotoxins legislation, validation requirements and principles of mycotoxins analysis. Sample extraction, clean-up and determination using LC-MS/MS with the TSQ Quantis Triple Quadrupole Mass Spectrometer and the TSQ Altis Triple Quadrupole Mass Spectrometer, and data evaluation using the TraceFinder software platform will be demonstrated with a strong focus on hands-on experience..

Course length : 3 days.
Please contact us for more information and scheduling the course.

TurboFlow online sample preparation in food analysis

This training is focused on practical demonstration of method development and practical use of Thermo Scientific™ TurboFlow™ online sample preparation technology and the Thermo Scientific™ Transcend™ TLX-1 system. System setup, operation, practical hints on method development and software training will be addressed during the course.

Course length : 4 days.
Please contact us for more information and scheduling the course.

Food Safety and Environmental Application Trainings

Setting up and optimization of the EQuan system for online sample pre-concentration

EQuan system offers unmatched capabilities of integrated online sample pre-concentration and analysis coupled with LC-MS/MS or HRAM MS systems. During the training it will be demonstrated how to setup the system, perform method optimization for maximum sensitivity and tips and tricks for routine application.

Course length : 4 days.
Please contact us for more information and scheduling the course.

Neurochemistry in LC with Electrochemical Amperometric and Coulometric detection

The purpose of the training is to familiarize users with basic as well advanced features of special LC detectors such as the Thermo Scientific™ Ultimate™ 3000 Electrochemical Detector (ECD). The training will consist of both theoretical and practical instruction, operation and troubleshooting of these LC detectors as well as an overview of the key biochemical applications of the instruments mainly in the field of neurochemistry.

Course length : 3 days.
Please contact us for more information and scheduling the course.

Corona CAD in Ion Chromatography - One Column-One Chemistry-One Detector

The purpose of the training is to familiarize users with basic as well as advanced features of the Thermo Scientific™ Dionex™ Corona™ CAD Inlet Gas Conditioning Module. The training will consist of both theoretical and practical instructions, operation and troubleshooting of CAD as well as an overview of the key applications.

Course length : 3 days.
Please contact us for more information and scheduling the course.

How to Register

For further information or to register for any of the
courses listed, please use the following:

Email: training.cmd.eu@thermofisher.com
Phone: + 49 (0)6103 4080
Fax: + 49 (0)6103 408 1640
Web: thermofisher.com

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Find out more at **thermofisher.com**

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