

# Mycotoxin Testing



**Mycotoxins are toxic substances formed by moulds and fungi during the growth and storage of the foodstuffs. Even if the mould is removed, and the product heat treated the toxin can still remain in the food product. Mycotoxins are highly toxic and in some cases carcinogenic at very low levels, therefore reliable sampling and analysis is necessary.**

Mycotoxins have been found to be present in food and feed substances such as grains and cereals, nuts, spices and dried fruit.

Eurofins laboratories are accredited for the analysis of mycotoxins and provides rapid and reliable analytical results.

## Mycotoxin analysis

Eurofins offers a range of analytical mycotoxin parameters including:

- ✓ Aflatoxins B1/B2, G1/G2
- ✓ Aflatoxins M1
- ✓ Ochratoxin (OTA)
- ✓ Fumonisin (FB1/FB2)

- ✓ Zearalenone
- ✓ Patulin
- ✓ Deoxynivalenol (DON)
- ✓ Nivalenol
- ✓ Acetyldeoxynivalenol (3- and 15-)
- ✓ Fusarenon X
- ✓ T-2 + HT2 toxins

In addition to the state-of-the-art technology used for regular analysis, Eurofins also has equipment for efficient sample preparation at a large scale (up to 30kg), to comply with European legislation.

## Recognised expertise

Routine analysis is carried out at Eurofins UK laboratories and specialist toxins can be determined by the Eurofins Competence Centre in Hamburg, which has a long standing reputation for mycotoxin testing. Eurofins actively participates in many scientific and industry associations and in the European Mycotoxin Awareness Network.

## Other areas of expertise

### Vitamins

The Eurofins Vitamin Competence Centre in Denmark is dedicated to the analysis of vitamins and amino acids, offering a state-of-the-art service for our customers.

### Speciation

Eurofins speciation tests are accredited for both qualitative and quantitative analysis using RT-PCR and DNA sequencing.

### Authenticity

We have significant experience and expertise in risk assessing food products including testing of food authenticity.

### CBD

Eurofins scientists are global experts in hemp and CBD analysis and verification.

### Specialist contaminants

Eurofins labs operate at the forefront of emerging issues, including analysis of specialised contaminants like PFAS.

### GMO testing

Fast and cost-effective options for screening, identification and quantification for various GMOS.

### Per- and Polyfluoroalkyl Substances (PFAS)

Eurofins is a global leader in PFAS testing in a wide variety of matrices.

### Worldwide centres of competence

Eurofins has specialist accredited centres of excellence worldwide which maintain the highest level of quality and the resources to meet client requirements. This provides our clients with access to state-of-the-art analytical methods, consultancy and for specialist areas.

## Europortal - quick & easy online access

**Europortal is our in-house web-based client interface which provides an efficient and flexible system to manage your testing requirements.**

With a specialised team to implement the system, provide training and ongoing support, the Europortal dashboard can be fully adapted to your business needs. From automated testing schedules and factory heatmapping to powerful data analysis at the click of a button, Europortal will save your team time and costs.

Demo version available on request.

## Collections

Fleet of refrigerated vans provide daily collection services all around UK and Ireland depending on location and regularity.

## Eurofins Testing Direct

Eurofins UK food testing web shop for routine ad hoc testing.

Simply scan the QR code to visit our online shop and view a list of most requested packages. If you can't see the analysis you need, please get in contact with our sales team using the details below.

