



Mycotoxin Testing

Providing assurance in food quality

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.

Range of mycotoxin tests

Eurofins offers a wide range of mycotoxin tests, including the most common listed below. In addition to list, we also offer other mycotoxin tests, so please contact us for further details.

Test Description	Eurofins Test Code
Food excluding cereals	
Aflatoxin B1, B2, G1 and G2 by HPLC	UD142
Aflatoxin M1	UD056
Ochratoxin A	UD061
Patulin	A7165
Fumonisin (FB1 and FB2)	JJ0BG
Fusarium Toxins (DON, ZON, T2 and HT2)	JJ0FE
Packages of tests for cereals	
Aflatoxin, Ochratoxin, DON, ZON, T2 and HT2	PJJ38
Aflatoxin, Ochratoxin, DON, ZON, T2 and HT2, Fumonisin	PJJ39

Comprehensive service

Eurofins provides a comprehensive range of state-of-the-art analytical techniques to support our customers' in establishing the safety, composition, authenticity, origin, traceability and purity of our food. Our laboratories in the UK provide microbiological testing, nutritional information, pesticide residues, contaminants, mycotoxins and heavy metals analysis. We are supported by an international network of Eurofins Competence Centres providing vitamin, authenticity and other specialist analysis. Please contact us for further information.

