



SERVICE PORTFOLIO FOR MYCOTOXIN ANALYSIS

SGS

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Mould can infest food and feed of vegetable origin in the field or during storage. This is how moulds can especially impair grains, nuts, dried fruit, spices, hay, straw and silage. During their metabolism, they produce dangerous toxins, so-called mycotoxins. These belong to one of the strongest toxins occurring in nature. Humans and animals ingest these toxins primarily through food.

The most common mycotoxins are those belonging to aflatoxins. Aflatoxins may be contained in dried fruit, pistachios, nuts, peanuts, oil seeds, coffee and spices. Mycotoxins in the fusarium category may be contained in grains such as wheat, maize, oats and barley. Other mycotoxins can be found in rye, fruits or vegetables. They also enter the human food chain through mouldy feed, such as through milk. In addition, mycotoxins are heat-resistant. Generally, they are not destroyed during the processing or preparation of food.

Not only customers and consumers expect flawless products from the producers, processors and retailers, but industry standards and law makers also prescribe maximum values. Regulation (EC) No. 1881/2006 regulates the maximum levels of aflatoxin, patulin, fusarium toxins and other mycotoxins.

You can reduce your risk of processing contaminated products through regular sampling and analysis by SGS. Have your raw materials regularly inspected by our experts in order to prevent mycotoxins from entering the processing chain.



WE CAN PROVIDE YOU WITH

- sampling on site, also in the country of origin
- combination packages for different mycotoxins
- low limits of determination for dietetic foods
- rush analyses with 24-hour service

At the same time you can make use of the long-standing expertise of SGS in analysis and assessment as well as of our global network of laboratories and regional offices.

WE ANALYSE

- aflatoxins (B1, B2, G1, G2, aflatoxin M1)
- patulin
- ochratoxin A
- fumonisins B1, B2
- fusarium such as deoxynivalenol, nivalenol, T2 toxin, HT2 toxin and zearalenone.
- alkaloids of rye ergot (ergot alkaloids)



Professional sample preparation and the most modern measurement and analysis equipment guarantee reliable results.

Ask about our services in residue analysis (different plant protection products, dioxins, MCPD, MOSH/MOAH, heavy metals) and microbiological analysis.

In collaborating with SGS, show that you take the dangers involved with mycotoxins in food and feed just as serious as do authorities and consumers.

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WHEN YOU NEED TO BE SURE

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