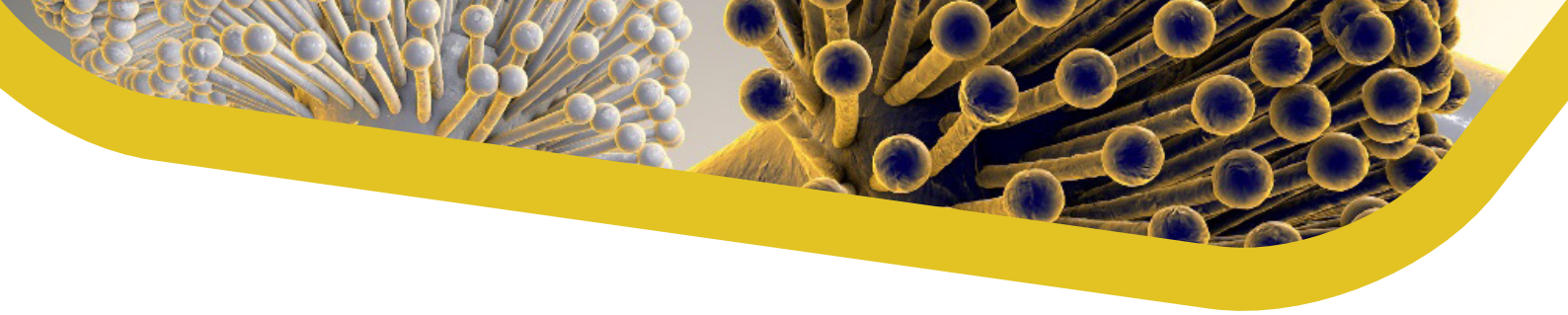

SENSI*Pure* Immunoaffinity Column with Extended Quality Control

In times of climate change, there is not only an increase in cases of extreme weather, but also a greater risk of mycotoxin contamination in our food and feed. A sensitive and reliable quantification of any toxins present is therefore necessary.

Aflatoxins are the group of mycotoxins with the most hazardous potential. They are found most commonly in cereals, spices, dried fruits and nuts. Quantification is carried out by extracting the toxins from the food or feed and then measuring them.

A crucial step in sample preparation is purifying the extract with the **immunoaffinity column.** After the extract has been applied to the column and washing and elution have taken place, the product is **an enhanced** and purified **extract,** which improves measurement **quality.**

Monoclonal antibodies coupled on the gel guarantee specific binding and therefore specific purification of the aflatoxins B1, B2, G1 and G2. Interfering components will be removed during washing.

SENSI*Pure*: Proven Performance

The SENSI*Pure* IAC Aflatoxins total was used in a common method validation with the following parameters: blank contamination, limit of quantification, trueness, linearity, reproducibility and repeatability.
To cover the key matrix groups, corn, oats, peanuts, fig, spices and feed were used as sample materials in validation studies. These studies were shown to be robust when using the columns with a manual or automated sample clean up.

Key Benefits

- Extended quality control
- Highly specific purification with monoclonal antibodies
- Wide range of application for various matrices
- Robust
- Shelf lifetime: 2 years
- 3ml format suitable for liquid handling systems
- Good flow behavior

In addition to quantifying the capacity and the cross-reactivity, the extended quality control includes inspecting blank contamination and verifying recovery in matrix.

Ordering information

Product Name	Article No.	Quantity
SENSI*Pure* IAC Aflatoxins total	IAAFT50	50 columns/kit

GOLD STANDARD DIAGNOSTICS

Gold Standard Diagnostics
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