

aokin mycontrol detection kits

Rapid and quantitative measurement of mycotoxins in food and feedstuffs

Based on highly sensitive and patented kinetic fluorescence polarization technology, **aokin mycontrol kits** are for rapid and quantitative determination of mycotoxins in food and feedstuffs at the point of testing.

Easy to use sample extractions are combined with fully automated analysis. Measurement is performed using the **aokin** rapid analysis system, consisting of the **aokin spectrometer FP470** and the **aokin autosampler LHW03**. Designed for both single and multiple sample testing.



Detect mycotoxins with HPLC quality at a fraction of the cost and time.

Rapid

Assay time 3 minutes + sample preparation

Quantitative

Assay variation of less than 10 %

Reliable

Rapid system with validated assays used at the point of testing



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<p>aokin mycontrol DON</p> <p>Extraction: 3 minutes *¹ Detection: 3 minutes Limit of detection: 20 µg/kg Sample types: Cereals (incl. wheat, corn, barley, oats, durum, triticale, bran, rice and rye), animal feed, processed goods (pellets, pasta, baked goods)</p>	<p>Quantitative Assay for detection of Deoxynivalenol (DON)</p>
<p>aokin mycontrol ZON</p> <p>Extraction: 8 minutes *¹ Detection: 3 minutes Limit of detection: 25 µg/kg Sample types: Cereals, processed goods</p>	<p>Quantitative Assay for detection of Zearalenone (ZON, ZEA)</p>
<p>aokin mycontrol AFLA</p> <p>Extraction Food: 25 minutes *² Extraction Feed: 5 minutes *¹ Detection: 3 minutes Limit of detection*²: 0.1 µg/kg Limit of detection*¹: 5 µg/kg Sample types: Cereals, animal feed, processed goods, cocoa, nuts, spices</p>	<p>Quantitative Assay for detection of Aflatoxin (Afla)</p>
<p>aokin mycontrol OTA</p> <p>Extraction: 25 minutes *² Detection: 3 minutes Limit of detection: 0.8 µg/kg Sample types: Cereals, roasted coffee, green coffee</p>	<p>Quantitative Assay for detection of Ochratoxin (OTA)</p>
<p>aokin mycontrol FUM</p> <p>Extraction: 15 minutes *² Detection: 3 minutes Limit of detection: 20 µg/kg Sample types: Corn, processed corn and by-products</p>	<p>Quantitative Assay for detection of Fumonisin (FUM, Fumo)</p>
<p>aokin mycontrol T2/HT2</p> <p>Extraction: 8 minutes *¹ Detection: 3 minutes Limit of detection: 20 µg/kg Sample types: Wheat, oat, rye</p>	<p>Quantitative Assay for detection of T2/HT2 Toxin (T2/HT2)</p>
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*¹using aokin QuickClean (SPE) columns

*²using aokin ImmunoCleanM (IAC) columns

aokin is ISO 9001 certified, ISO 17025 accredited, and works according to GLP.

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