Ensuring Food Safety in Food Production

Fast and quantitative Deoxynivalenol (DON) results with HPLC accuracy is now possible. A new fluorescence polarometer technology combined with robust light technology and micropump allows use in a mobile laboratory without any compromises in accuracy or sensitivity.

The aokin mycontrol DON rapid assay measures DON in wheat and other types of grain. The aokin rapid assay system provides you with reliable results at HPLC accuracy. Within 6 minutes, including time for sample preparation.

Suitable for the determination of Deoxynivalenol in:

- Wheat
- Corn
- Oats
- Barley
- Rye
- Durum
- Cereals
- Pasta
- Feed
- DDGS

www.aokin.com
**Deoxynivalenol (DON or Vomitoxin)** is a mycotoxin, which can be found in agricultural crops susceptible to *Fusarium* infections, particularly in corn, wheat, barley and other types of cereals. Mycotoxins are mostly temperature resistant and are therefore not degraded during the food production process.

### Effect on human health
Deoxynivalenol is a gastrointestinal irritant. Acute toxic doses cause nausea and vomiting. Deoxynivalenol acts as an inhibitor of the protein biosynthesis. Due to its immunosuppressive effect, the susceptibility to infections increases when contaminated food products are consumed. A teratogenic effect has also been demonstrated.

### Product Code: MY-QC-02-100

**Deoxynivalenol (DON or Vomitoxin) Kit for the extraction and analysis of Deoxynivalenol**

Including sample preparation.

Limit of detection: 20 µg/kg

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<th>Content: 100 tests</th>
<th>Product Code: MY-QC-02-100</th>
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**aokin mycontrol DON** has been designed for testing wheat and other cereals, baby food, and feed pellets and mixtures. The standardized and validated system is easy to learn, with no extensive training required.

The sample needs to be weighed, extracted with a blender, followed by a centrifugation with an **aokin QuickClean column**. The sample vials are then placed into the system and the results are ready within a few minutes.

**aokin Fluorescence Polarometer**

Designed for use with **aokin mycontrol Kits**

Fluorescence Polarometer and integrated Autosampler for handling up to 10 samples simultaneously.

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