

Ensuring Quality and Efficiency in Animal Feed Production

The **aokin mycontrolDON** assay allows the rapid and quantitative determination of Deoxynivalenol (DON) in cereals and corn used in the production of animal feed. Because this test can be performed easily, it facilitates the analysis of individual samples either directly in goods receipt or during the production process. It provides reliable results within 15-20 minutes, permitting the rapid assessment of the quality and value of raw materials.

aokin mycontrolDON is an effective instrument in daily quality control operations, enabling the optimization of your decision processes and contributing to the performance of your company.



Suitable for the
determination of
Deoxynivalenol in:

Wheat
Corn
Oats
Barley
Rye
Durum
Triticale



aokin mycontrolDON

Test kit for the extraction and analysis of Deoxynivalenol in cereals. Includes extraction solution and column preparation.

Limit of quantitation: 10 µg/kg

Content: 5 tests

Order number: MY-0708



Deoxynivalenol:

Deoxynivalenol (DON or Vomitoxin) is a mycotoxin frequently detected in animal feed. It can be found in agricultural crops affected by specific *Fusarium* spp. infections (*F. graminearum* or *F. culmorum* respectively), particularly in wheat, corn, barley and other cereals.

Effect on animal health:

Feeding livestock with feedstuff contaminated with Deoxynivalenol causes growth retardation and impairment of the immune system which leads to increased susceptibility to infections. Lower feed intake can also be observed frequently. Certain teratogenic effects have been demonstrated.

EU guidance values for Deoxynivalenol in feedstuffs:

Primary products in animal feedstuff

Cereals and cereal products with the exception of corn by-products	8000 µg/kg
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Corn by-products	12000 µg/kg
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Supplementary and complete feedstuffs	5000 µg/kg
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Supplementary and complete feedstuffs for pigs	900 µg/kg
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Supplementary and complete feedstuffs for sows and fatteners	2000 µg/kg
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In accordance with the Recommendation 2006/576/EU

aokin AG · Robert-Rössle-Str. 10 · 13125 Berlin · Germany
Tel. +49 30 94 89 21 60 · Fax +49 30 94 89 21 61 · info@aokin.com