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VENDOR WEBINAR:

Sample Preparation & Quality Assurance Tools for Mycotoxin Analysis

Sample preparation & quality assurance tools for mycotoxin analysis

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Mycotoxin contaminations of food and feed have a huge economic impact. Mycotoxin contaminations of crops are unavoidable, but mycotoxins can be managed. During the entire process from field to food or feed critical steps can be identified to monitor mycotoxins.

It is well known that sampling plays an important role in the reliability of your result. Less well known is the influence of the sample preparation: Sample grinding and sample size may have a big effect on the variabilities in your result. We will show results from different studies with cereal samples containing Aflatoxin, DON and Zearalenone.

To eliminate matrix effects a clean-up of the sample is necessary. For some samples a simple extraction is sufficient, but for other samples solid phase extraction / immunoaffinity extraction can make a big difference.

But that is just one part of the story. You want to be sure you are making the correct decisions as well. QualiT™ is a toolbox developed by Trilogy Analytical Laboratory for quality control in mycotoxin analysis. QualiT™ offers (certified) reference materials, both as pure material and as well as naturally contaminated materials, quality control materials and analytical standards. Besides that, Trilogy offers additional useful tools for sample preparation and sample clean-up and knowledge database, collecting 20 years of experience as an (ISO 17025 accredited) food testing lab, specialised in mycotoxin, allergen mycotoxin binder testing.