

6 years LC-MS/MS in routine analysis, pros and cons-

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The use of LC-MS/MS is more and more the analytical technique of first choice for food and feed analysis. Application of mass spectrometry in combination with modern chromatography leads often to good sensitivity as well as high selectivity. But what about precision, accuracy and reproducibility of these new developed methods? Does these technologies fit in a better way the requirements for food and feed control in terms of Mycotoxin analysis? How is the actual situation with regard to harmonized approaches, what do we know about LC-MS/MS as a reference method?

Within the presentation these questions will be discussed based on examples taken from the application of LC-MS/MS methods in routine analysis for altogether 6 years now. A comparison of pros and cons including the economic aspects will be given.

References

According to the following format (Oxford style)

Bretz, M.; Knecht, A.; Göckler, S.; Humpf, H.-U., 2005. Structural elucidation and analysis of thermal degradation products of the Fusarium mycotoxin nivalenol. *Mol. Nutr. Food Res.*, 49, 309-316.

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