



Fytolab - Flash

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Update **GMS** & **LMS** multi-residue methods.

Fytolab as a specialized laboratory has gained in recent years an extensive experience and knowledge with the use of state-of-the-art technologies such as **GC-MS/MS** and **LC-MS/MS** analysis in routine applications. **Fytolab** therefore played a **pioneering rol in 2006** when it launched the, on triple-quad MS / MS-based, **GMS** and **LMS** multi-residue methods, a choice that is currently followed by other labs.

The last year these methods have undergone a thorough facelift and a new generation of equipment was taken into use. The evolution of the food legislation, pesticide authorisations, globalisation of the food sectors, client demands, internal experience in method development and the additional capabilities of the latest equipment, have ensured that not only the number of pesticides within these two methods has increased, but also that the reporting limits have declined further.

So it is with great pleasure and pride that we can announce a further substantial extension of our **GMS** and **LMS** multi-residue methods. **On January 1, 2012, the scope of these two methods was extended with 100 active compounds, to a total of 500.**

These method extensions are always performed with the aim to maximize the **market relevance** and to maintain the highest possible **quality**. This quality is further supported by the accreditation of, not only the two methods, but also of the highest possible number of pesticides included in these methods. All of this, together with the internal expertise at **Fytolab**, ensures that customers can rely on the accuracy of the reported results. As a result of this **market orientated approach**, these methods are requested more often and by an increasing number of customers.

Through this process of method actualization and the pursuit of high quality and reliable results, Fytolab will continue to supports its customers in providing an additional quality assurance and delivering added value to their products.

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Ringtests

As part of ensuring a constant quality control and -improvement, Fytolab takes part in many national and international ring tests. These are independent checks on the quality of laboratory analysis. Based on the results of these ring tests, the performance of the analytical method is evaluated and, if necessary, improved. There is deliberately opted for 'difficult' ring tests, with the aim to achieve quality improvements where needed.

Fytolab took successfully part in the "QS Laboratory performance assessment Autumn 2011" in **spring onion** and has extended, without interruption, the since 2006 acquired QS-certification.

Fytolab also successfully participated in a multi-residue pesticide ring test on **olive puree** and a ring test for **patulin** on **apple puree**, all organized by FAPAS.

Next to this very positive results were also obtained, within the quality framework of

relana®, for a multi-residue pesticide ring test on homogenised **red berries** and for an analysis of dithiocarbamates, bromide and nitrate on **lettuce puree**.

The results of these ring tests are available to our customers and can always be requested.

Update European legislation EUR-Lex

On **December 3rd, 2011** the EU regulation [N°1258/2011](#) was published, amending Regulation (EC) N°1881/2006 as regards maximum levels for nitrates in foodstuffs. It shall apply from the date of its entry into force. However, the maximum levels for rucola provided for in point 1.5 of the Annex shall apply from 1 April 2012.

On **December 7th, 2011** the EU regulation [N°1274/2011](#) was published, concerning a coordinated multiannual control programme of the Union for 2012, 2013 and 2014 to ensure compliance with maximum residue levels of pesticides and to assess the consumer exposure to pesticide residues in and on food of plant and animal origin.

On **December 9th, 2011** the EU regulation [N°1277/2011](#) was published, amending Annex I to Regulation (EC) No 669/2009 implementing Regulation (EC) No 882/2004 of the European Parliament and of the Council as regards the increased level of official controls on imports of certain feed and food of non-animal origin. It shall apply from 1 January 2012.

All MRL changes are introduced in the Fytolab LIMS system so that the reports show the current legislation from the appropriate date onwards.

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Annual report European Food Safety Authority

On November 8, 2011 [EFSA](#) published its annual report. This report presents an overview of the results obtained from the control of pesticide residues, on products sampled during the calendar year 2009 in the EU Member States.



Fytolab Belgium as Belgian laboratory is certified for performing residue analysis for [fruitmonitoring.com](#).

The German trading companies Dohle, EDEKA, Globus, Kaiser's Tengelmann, METRO (Real, METRO Cash & Carry, Kaufhof), Norma, REWE and tegut, operate a joint pesticide residue monitoring system ([fruitmonitoring.com](#)) for fruit & vegetables.

The objective of the joint residue monitoring system is to obtain a general, current overview of the residue situation among goods traded in Germany. To this end, the results of the laboratory examinations of pesticides in fruit & vegetables in the participating companies and their suppliers are entered into a central [fruitmonitoring.com](#) system where they are analysed anonymously according to product, product group, origin and active agents.

All laboratories that would like to take specimens for the participating trade companies and their fruit & vegetable suppliers in the future must satisfy minimum standards that have been defined by the HTS. These include accreditation to DIN EN ISO/IEC 17025:2005 in the country of the analysing laboratory and the regular participation in ring tests. The FAPAS, QS or similar ring tests are recognised. At a later point, the HTS will carry out its own round ring tests. The results of the ring tests need to be submitted to the HDE Trade Services GmbH shortly after they have been confirmed.

Because of the high quality GMS and LMS scope, **Fytolab Belgium** has been immediately classified as an A class laboratory.

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Additional information concerning the above topics can be found on our website [www.fytolab.com](#) or can be obtained through contacting us via info@fytoab.com or phone +32 9 330.10.10.