



Chemisches und Veterinäruntersuchungsamt Freiburg
European Union Reference Laboratory for Pesticides in Food
of Animal Origin and Commodities with High Fat Content

Planned work programme for 2012
(as submitted on 28 August 2012)

Legal functions and duties

— The functions and duties of the European Union Reference Laboratory are described in Regulation No 882/2004. Objectives for the period January - December 2012 will be:

General Objectives

- A. General tasks**
- B. Development and validation of analytical methods**
- C. Quality assurance and quality control including the organisation and implementation of proficiency tests**
- D. Technical and scientific support to NRLs/ EU Official labs, Commission and third countries**

Working plan for the period January - December 2013 and multi-annual goals

A. General Tasks

1. Participation in co-ordinating meetings and general management activities of EURLs for residues. The EURL “pesticides in food of animal origin and commodities with high fat content” (EURL-AO) needs a close cooperation with the other pesticide EURLs.
2. Technical and scientific support to the Commission and its offices, as requested by the Commission.
3. Compilation of the Technical and Financial Report for 2012 by 31 March 2013.



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4. Compilation of the planned activities and estimated budget for 2014 by 31 August 2013.
5. For the EURL/NRL network, the list with all NRLs, OFLs and contact points in the field “pesticides in food of animal origin and commodities with high fat content” will be kept updated and will be made available to the Commission and NRLs. This task will be performed in close connection to EURL SRM.
6. A joint workshop of all 4 EURLs for residues of pesticides with NRL-OFL-networks in 2013 in Almeria, Spain (see details in the planned work programme of EURL FV).
7. Maintenance of the EURL-website in cooperation with the other EURLs for pesticide residues, exchange of information via the website and updating on regular basis with the particular aim of disseminating information to NRLs. Information about important improvements of analytical methodology and major changes in EU legislation.
8. Maintenance of the CIRCA Domain in cooperation with the other EURLs for pesticide residues; esp. the movement of the content from FISVL-Server (Berlin) to EU-Server (Brussels) and proving the status of the enrolled members.
9. Scientific support to the Commission and EFSA as regards the evaluation of possible applicability of proposed post-registration methods in routine analysis laboratories and residue definitions, esp. in the case of Art. 12 proposals.

B. Development and Validation of Analytical Methods

Analytical scientific work should cover the improvement of existing, approved multi-methods and the development and implementation of new multi-methods. As pillars of analysis are considered:

- Pesticides in food of animal origin (lipophilic, semi-polar and polar);
 - Pesticides in commodities with high fat content (lipophilic and semi-polar);
 - Pesticides in honey (lipophilic, semi-polar and polar).
10. Three groups of pesticides (organochlorine, organophosphorous and pyrethroid pesticides) can be considered to have been introduced to a certain degree in the daily routine of NRLs for pesticides in food of animal origin and high fat commodities. The evaluation of the results of EUPTs AO-01 to AO-07 showed that there were some advancements during the last 2 years but there is further need for improvement also for these groups. The spectrum of analytes will be extended continuously, also by inclusion of LC-MS-based methods (QuEChERS or SweEt-based).



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11. Determination of the stability of more than 100 non polar and semi-polar pesticides in liver during sample processing in the laboratory (all preliminary identified MRM-pesticides included in the Multiannual Coordinated Control Program 2014 for the matrix liver will be included);
12. In particular for semi-polar pesticides in liver samples, a multi-residue-method for determination of residues of semi-polar pesticides is being developed in 2013 (all MRM-pesticides included in the Multiannual Coordinated Control Program 2014 for the matrix liver will be included). Method validation follows the Quality Control Procedures for Pesticide Residues Analysis (Document N° SANCO/2011/12495).

C. Quality Assurance and Quality Control

13. As multi-annual goal, the availability of validated methods for the most important groups of pesticide residues in the most important matrices should be checked and promoted within the EURL / NRL network.
14. Maintenance of in-house QA/QC activities in consequence of the ISO 17025 accreditation of all analytical work done within the EURL.
15. Re-Accreditation for proficiency testing according ISO 17043 (as proficiency testing is a special tasks of the EURLs within the CVUA Freiburg).
16. Performance of a proficiency test (PT) with all NRLs and official laboratories of the EU Member States and Associated States and discussion of results with NRLs at the workshop. The PT will be based on a matrix of food of animal origin in line with the multi annual coordinated control programme. The PT will be designed for 80 to 120 participating laboratories (intention 100: 28 NRLs, 70 EU-OFLs, 2 EFTA laboratories) and the target analytes list comprises of about 50 to 80 pesticides (intention 65). The PT will be performed and evaluated in accordance with the general protocol for EU proficiency tests for pesticide residues in food and feed. Results will be discussed at the workshop (see A.6). The schedule will be coordinated with the other pesticide EURLs and the Commission to avoid overlapping periods.
17. EURLs for FV, CF, SRM and AO will develop defined criteria to evaluate whether a laboratory has had underperformance in the EUPTs, and if so, this laboratory could be a potential attendee for activity D.21.
18. Contribution to the revision of “Method Validation and Quality Control Procedures for Pesticide Residue Analysis in Food and Feed” (Document N° SANCO/12495/2011): Participation in meetings of the Advisory Group for the improvement of the document (at least 2) and contributions by mail contacts.



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D. Technical and Scientific Support to NRLs/EU Official labs, the Commission and Third Countries

19. Analytical support to Member States (NRLs) and Commission upon request.
20. Support to the Commission for the drafting of the EU coordinated working programme.
21. Missions to NRLs (at least one) and dissemination of scientific information if necessary (as an outcome of tasks C.16 and C.17).
22. Analyses of official samples (submitted by EU Member States in case of dispute between Member States or in case of analytical problems with a responsible NRL).
23. In collaboration with the EURLs CF, FV and SRM the EURL AO will introduce the possibility to conduct webinars with the aim to disseminate information with NRLs and OfLs in a cost effective but still interactive way. In case the technical realisation is finished in 2013, EURL AO will organize at least one webinar individually or in collaboration with other EURLs.