



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Institute for Reference Materials and Measurements
European Union Reference Laboratory for Feed Additives - Control

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JRC.D.5/SFB

Work programme 2016-2017 for the EURL for Feed Additives (EURL-FA) – Control

Overview on major objectives for the period January 2016 – December 2017

Important note: The EURL-FA is operated under two legal frames, namely under Regulation EC (No) 1831/2003 (authorisation activities) and under Regulation EC (No) 882/2004 (control activities). The work programme proposed here applies exclusively to the control activities.

1. Organisation of a proficiency test for the determination of vitamins in feedingstuffs (Deadline: October 2016) and report on the organisation and outcome of the mentioned proficiency test (Deadline: November 2016).

Matrix: 1 – Poultry feed

Analytes: vitamin A and E

To monitor the levels of proficiency in NRLs, specifically for the determination of vitamin A and vitamin E in poultry feed. See Annex for details.

2. Organisation of a proficiency test for the determination of cobalt in feedingstuffs (to be agreed with the DG SANTE desk officer) in collaboration with the EURL for Heavy Metals in Food and Feed (Deadline: October 2017) and report on the organisation and outcome of the mentioned proficiency test (Deadline: November 2017) (*).

Matrix/Analyte(s) combination: 1 or 2 – feedingstuffs/cobalt (matrix type and chemical form to be confirmed)

To monitor the levels of proficiency in NRLs, specifically for the determination of cobalt (II) (or xxx...) in feedingstuffs. See Annex for details.

3. Organisation of a proficiency test for the determination of coccidiostats in feedingstuffs (Deadline: October 2017) and report on the organisation and outcome of the mentioned proficiency test (Deadline: November 2017).

Matrix: 1 – Poultry feed

Analytes: clopidol, salinomycin, diclazuril, maduramicin, nicarbazin, halofuginone, decoquinate (to be confirmed)

To monitor the levels of proficiency in NRLs, specifically for the determination of clopidol, salinomycin, diclazuril, maduramicin, nicarbazin, halofuginone, decoquinate (or xxx...) in poultry feed. See Annex for details.

* Sub-contracting foreseen for activity 2: the analytical measurements for the evaluation of homogeneity and stability of the test item(s) will be sub-contracted, for each analyte investigated.

4. Follow-up of results reported by underperforming NRLs in the PT organised in 2015, *viz.* the review of root-causes analyses submitted by the NRL and evaluation of improvement actions implemented (Deadline: November 2016).
5. Follow-up of results reported by underperforming NRLs in the PT organised in 2016, *viz.* the review of root-causes analyses submitted by the NRL and evaluation of improvement actions implemented (Deadline: November 2017).
6. Organisation of the fifth workshop of the EURL for Feed Additives Control with participation of National Reference Laboratories and report on this activity and its outcome (Deadline December 2016).
7. Organisation of the sixth workshop of the EURL for Feed Additives Control with participation of National Reference Laboratories and report on this activity and its outcome (Deadline December 2017).
8. Maintenance of the web-based (CIRCA-BC) discussion forum for the EURL and the NRL's (Deadline December 2017).
9. Providing support to standardisation bodies such as CEN for the standardisation of analytical methods for the determination of feed additives. This will require a regular participation in the meetings of CEN TC 327/WG3 (Deadline December 2017).
10. Providing support to NRLs (scientific advice and/or support for implementation) and DG SANTE in technical matters concerning analytical methodology for the determination of feed additives analysis, if requested (Deadline December 2017).

Annex: Details for the different activities

Activities 1, 2 and 3 involve the following sub-tasks:

- a. Designing of the PT (number of analytes, matrices, concentrations)
- b. Call for participation to the laboratories
- c. Production and characterisation of the test material(s), including homogeneity and stability studies
- d. Dispatch of the test materials to the participating laboratories
- e. Elaboration and sending of a reporting sheet mentioning not only the results of the measurements but also the characteristics of the method used, the pitfalls encountered, the calibration used ...
- f. Collection of the results and statistical treatment including uncertainty estimations
- g. Drafting of the report with all results, interpretation and graphs, conclusions and recommendations
- h. Discussion of the results with participating laboratories
- i. Issuing of the final report for the PT exercise

For activity 2, the point c. will be sub-contracted to an external laboratory.

Difference in costs for similar type activities 1, 2 and 3:

- a. Activity 1 and Activity 3 will be entirely conducted by the EURL-FA Control and the whole set of sub-tasks above will be executed by the EURL-FA Control. The difference of price between activity 1 and activity 3 is due to:
 - i. different staff costs linked to different grades of the AST staff who will support the laboratory work.
 - ii. for activity 1 the test material preparation will be longer than for activity 3; in particular a larger amount of blank feed will need to be processed.
- b. For Activity 2, the production of the test material will be sub-contracted to an external laboratory which significantly decreases the staff costs and hence the total budget.

Activity 10 will consist of providing scientific advice on analytical methods or support to implement methods to the NRLs or to DG SANTE or support to implement methods by the NRLs via for example feeding and maintaining the fora created on CIRCA-BC or the networking among the labs or from the EURL expertise *if requested*. This activity may involve conducting experiments in the EURL.