

Annual Report
AAFCO LABORATORY METHODS AND SERVICES COMMITTEE

Nancy Thiex, Chair

John D. McCurdy, LuAnn Wetzler, Louise Ogden, Aaron Price, Vice Chairs.

The Laboratory Methods and Services Committee met three times during the past year. The Committee met at the AAFCO Annual Meeting in Nashville, TN on August 3, 2008 with 33 people in attendance. The Committee also met at the AOAC International Meeting in Dallas, TX (September 2008) with 36 people in attendance. The third meeting was the AOAC Feed Additives and Contaminant Subgroup meeting. The committee met last at the AAFCO Midyear Meeting in Tucson, AZ on January 21, 2009 with 26 people in attendance.

ELECTRONIC MAILING GROUP – Submitted by Aglabs Administrator Richard Larson. The AgLabs mailing group continues its success in facilitating communication and resource sharing among feed control laboratories. The AgLabs listserve is hosted at FoodShield.org.

As of June 17, 2009, there were a total of 391 subscribers, with 345 representing all states except Alaska and Arkansas. There are 11 from EPA, 14 from FDA, 11 from USDA, 1 from DHS and 9 from Ag Canada. An approximate breakdown of subscribers by states follows:

Alabama	5	Iowa	2	New Hampshire	1	Texas	20
Alaska	0	Kansas	14	New Jersey	1	Utah	5
Arizona	9	Kentucky	6	New Mexico	3	Vermont	3
Arkansas	0	Louisiana	8	New York	11	Virginia	14
California	11	Maine	1	No. Carolina	7	Washington	4
Colorado	3	Maryland	8	North Dakota	3	West Virginia	1
Connecticut	8	Mass.	3	Ohio	5	Wisconsin	16
Delaware	4	Michigan	16	Oklahoma	13	Wyoming	6
Florida	16	Minnesota	20	Oregon	2	DHS	1
Georgia	5	Mississippi	14	Pennsylvania	5	EPA	11
Hawaii	2	Missouri	1	Rhode Island	1	FDA	13
Idaho	5	Montana	11	So. Carolina	4	USDA	10
Illinois	8	Nebraska	9	South Dakota	12	Ag Canada	9
Indiana	9	Nevada	4	Tennessee	6		

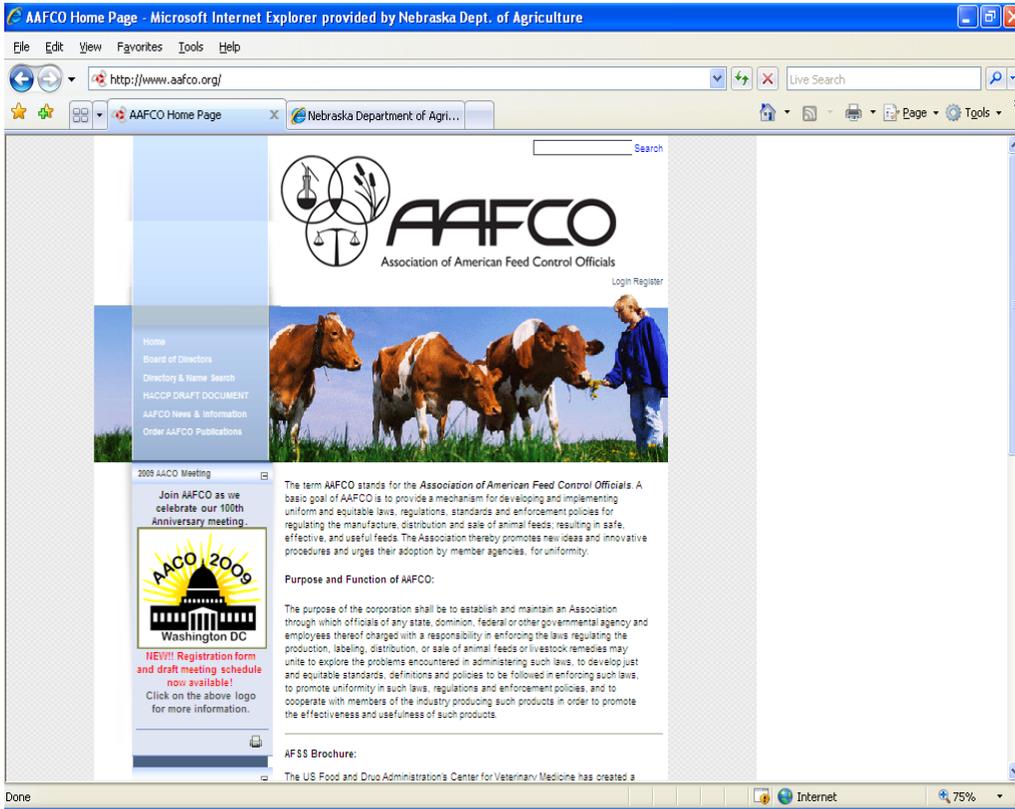
COMMITTEE WEB SITES - Submitted by Vice Chair LuAnn Wetzler

The AAFCO Laboratory Methods and Services web site was moved from the secure side of the AAFCO web site to the open access portion on the AAFCO home page. With the help of Malinda Walsh the AAFCO Laboratory Methods and Services web site is updated with information. As time permits, the Web Site Sub-group is providing the same information found on the AAFCO web site to the FoodShield web site. The Laboratory Methods and Services Committee decided at the August 2008 meeting, it would no longer provide AOAC International with the same information found on our web site. The request for AOAC to post pertinent AAFCO information to the AOAC International web site was never completed in a timely fashion. This is because AAFCO is not an organizational affiliate nor do we have a current work contract with AOAC International.

The Web Site Committee had hoped to coordinate with the FoodShield staff and facilitate a training session to demonstrate the process required to update and, in most instances, correct the information for each state laboratory that is now found on the Foodshield State Laboratory information section. In addition, it is our goal that all Aglabs listserve users would gain experience, as well as become familiar with the many resources available on the Foodshield web site. It is anticipated that this training will still take place before the end of 2009. This training will be offered to all the subscribers of the Aglabs listserv.

All AAFCO Laboratory Methods and Services information is now accessible to anyone with Internet access. You no longer need to be a registered AAFCO web site user. All information from the Laboratory Methods and Services Committee web site is easily downloaded as a printable document file (pdf). The Laboratory Methods and Services Committee information is accessible from the home page of the AAFCO web site under the AAFCO

News and Information heading.



And is easily accessible with one click of the mouse.



The Laboratory and Methods Services web site is accessible to all.



QUALITY SUBGROUP ANNUAL REPORT– Submitted by Vice Chair Louise Rhodes Ogden -
 The breakdown of the sales for the AAFCO QA/QC Guidelines:

July ,1 2008 to June 18, 2009			
	CD+Book	Book	CD Only
Industry	1	5	1
Regulatory			1

July 1, 2007 to June 31, 2008	CD+Book	Book	CD Only
Industry	8	6	4
Regulatory	14	17	3

A survey was sent out to AgLabs about 17025 accreditation and forming an accreditation group similar to the American Association of Veterinary Laboratory Diagnosticians (AAVLD). The results were presented at the September AOAC meeting. The survey questions and results are below. Replies were received from Canada, AZ, CA, IN, OH, MI, MN, MT, UT, SD, and WI.

- 1) Is your feed laboratory working toward ISO17025 accreditation? *Yes – 6; No - 6*
- 2) If yes, what accreditation body will you be using? *AOAC – 1; A2LA-5, Standards Council of Canada -1; AAVLD in part -1.*
- 3) If no, why are you not pursuing ISO 17025? *Expense, would require another FTE, no requirement for it; no management support.*
- 4) If AAFCO or AACO (AAFCO, AAPFCO, AAPCO) offered ISO 17025 accreditation, would your lab be interested? *Yes- 9; No-2, Possibly-1.*
- 5) Would you be willing to be on the AAFCO QA subcommittee to explore the possibility of providing ISO accreditation to Feed labs? *Yes – 8; No-3.*
- 6) If yes to number 5, please provide your name, phone and email address.

CVM METHOD SUBMITTANCE BY AAFCO–Submitted on behalf of Vice Chair John Dennis McCurdy.

In September 2008, the first submission was made to AAFCO Veterinary Master File (VMF) 5919 for lasalocid B and C assay methods by Luann Wetzler. FDA requested additional interference studies and product labels for the materials used in the collaborative study. An amendment with the additional information was submitted in April 2009 by Luann Wetzler. Sandy Flick from Alpharma issued the request for review for both submissions. She has prepared a template letter for industry use in requesting reviews of the files. The second submission to AAFCO VMF 5918 for oxytetracycline B and C assay methods was made in May 2009 by Nancy Thiex. Phibro is preparing a request to the review of the file. We are awaiting response from FDA on both files. Submissions to VMF 5920 for decoquinatone B and C assay methods and to VMF 5886 for sulfamethazine are in preparation.

METHOD NEEDS PRIORITIZATION AND METHOD NEEDS STATEMENTS Submitted by Vice Chair Aaron Price.

The method prioritization process occurs every second year and was done for the 2008 annual meeting. It will be completed again in 2010. The table below summarizes the 2008 survey results and shows the methods that were ranked highest priority for development as official methods.

2008 Rank	2006 Rank	Method	Score
1	2	Multi-Analyte Mycotoxin Method	85.0
2	1	Ruminant Protein	79.2
3	10	Trace-Nutritive Metals	73.1
4	6	Vitamin A	70.3
5	3	Non-Nutritive Metals	70.2
6	15	Virginiamycin	70.0
7	8	Tylosin	68.3
8	5	Chlorotetracycline	66.4
9	3*	Phosphorus	66.3
10	14	Amprolium	66.0
11	2*	Bacitracin/BMD	65.8
12	12	Carbadox	64.3
13	10*	Bacitracin	64.0
14	13	Neomycin	62.8
15	7	Multi-Analyte Pesticide Residue Screen	61.9

* identified as a new method priority for the 2006 survey

Prior to a method being proposed for a collaborative study with AOAC, a method needs statement must be developed. A method needs statement outlines the performance requirements that a method should be able to attain. These performance requirements are determined based on the concentration of the analyte commonly found in commercial feed, the type of feed matrix, and the methodology (ie. technology used), etc. At the 2008 annual and 2009 midyear meetings, method needs statements for tylosin, vitamin A, sugars, and starch were completed, while statements for prohibited animal protein, bacitracin, and fructans were reviewed and edited. The method needs statement for mycotoxins was amended and approved by the committee at the 2009 midyear meeting. Also at the 2009 midyear meeting the committee drafted a needs statement for fatty acids in feed. The review and approval of method needs statements is an ongoing process carried out by the committee members and coordinated by the committee vice chair Aaron Price. Currently, committee members are preparing drafts or amending method needs statements for vitamins D and E, total minerals, and multi-analyte pesticide residues in feed and feed ingredients and will present these at the 2009 annual meeting in August.

AOAC AGRICULTURAL MATERIALS COMMUNITY, FEED ADDITIVE AND CONTAMINANT SUBGROUP - submitted by Nancy Thiex. Work in progress is summarized in the table below.

GROUP ACTIVITIES & PROGRESS CHART

Methods	Method Needs Criteria	Call For Methods	SVL*	Project Leader*	AOAC Collaborative Study
Amprolium	Completed	X	Needed	Fred Armstrong	Anticipated
Carbadox	Completed	X	In Progress	Jane Sabbatini	Planned
Pyrantel	Completed	X	In Progress	Jane Sabbatini	Planned
CTC	Completed	X	Needed	Needed	
MGA	Completed	X	In Progress	Johnson, Tinkey	Planned
Multi-element	Completed	X	Needed	Needed	
Multi-mycotoxin	Completed	X	Needed	Needed	
Neomycin	Completed	X	Needed	Needed	Anticipated
Prohibited protein	Draft		Needed	Needed	
Starch	Completed	X	In Progress	Mary Beth Hall	Planned
Sugars	Completed	X	Needed	Needed	
Tylosin	Completed	X	In Progress	Needed	Anticipated
Virginiamycin	Draft		Needed	Needed	
Vitamin A	Completed	X	In Progress	Needed	Anticipated
Bacitracin	Draft		Needed	Needed	
Vitamin D	Draft		Needed	Needed	
Vitamin E	Draft		Needed	Needed	
Pesticide multi-analyte	Assigned		Needed	Needed	
Fructans	Draft		Needed	Needed	
Fatty-acid analysis	Undetermined	X	Needed	Don Palmquist	Anticipated

Virginiamycin –Phibro is working on a residue method for low level determination of Virginiamycin in DDGs and feed. A progress report is anticipated from them at the 2009 Annual Meeting. FDA CVM is developing a LC/MS/MS screen for multiple drug residues in distiller grains.

Neomycin –An alternative method is being investigated by Jay Ghandi. A collaborative study on the post column method will be delayed until data on the alternative method is available.

Carbadox/ Pyrantel Tartrate – Jane Sabbatini: Covance is seeking funding to finish the SLV and carry out the collaborative study.

Tylosin-Tommy Phillips: A report is expected from Tommy Phillips at the Annual meeting on progress with method development and validation of a method for tylosin in feed.

Starch –Mary Beth Hall is completing the Single Laboratory Validation. A collaborative study is anticipated before the end of the calendar year.

Melangesterol Acetate (MGA) – Data on the feasibility of extending the R-Biopharm ELISA method for MGA in serum and urine to animal feed matrices will be available at the Annual Meeting, with full presentation planned for the September meeting.

Fatty Acids –Data on a “one pot” methylation and extraction method will be presented at the Annual Meeting.

CODEX COMMITTEE ON METHODS OF ANALYSIS AND SAMPLING (CCMAS), 30TH SESSION. BALATONALMADI, HUNGARY MARCH 9-13, 2009

Topics under continued discussion:

1. Criteria for Evaluating Acceptable Methods of Analysis
 - a. Draft Guidelines for Evaluating Acceptable Methods of Analysis
 - b. Draft Guidelines for Settling Disputes over Analytical (Test) Results
2. Draft Guidelines on Analytical Terminology
3. Endorsement of Methods of Analysis Provisions in Codex Standards
4. Guidelines on Establishing Methods Criteria for the Identification of Relevant Analytical Standards

5. Proposed Draft Guidelines on Criteria for Methods for the Detection and Identification of Foods Derived from Biotechnology
6. Proposed Draft Guidelines on Measurement Uncertainty
7. Guidance on Uncertainty of Sampling
8. Discussion Paper on Sampling for Milk and Milk Products
9. Discussion Paper on Methods of Analysis for Dioxin and Dioxin-like PCBs
10. Report of an Inter-Agency Meeting on Methods of Analysis

The full 70 page report may be viewed at: <http://www.codexalimentarius.net>

A summary made by the US delegation may be viewed at:

http://www.fsis.usda.gov/codex_alimentarius/Delegate_Report_30CCMAS/index.asp

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