



FINAL: September 16, 2016

Laboratory Methods & Services Committee Report/Minutes

AAFCO Annual Year Meeting
August 2, 2016, 8:00 – 4:00 PM, Pittsburgh, PA

Committee Recommendations

Committee recommendation summary or list.

(1) None

Board Recommendations

Board recommendation summary or list.

(1) None.

Association Actions

Association action summary or list.

(1) None.

Committee Participants – Full listing of attendees can be found at end of report

Members Present:

Name	e-mail	Organization
Dorota Inerowicz	inerowic@purdue.edu	Office of Indiana State Chemist
Heidi Hickes	hhickes@mt.gov	MT Dept of Ag
Aaron Price	aaron.price@inspection.gc.ca	CFIA
Nancy Thiex	nancy.thiex@gmail.com	AAFCO
Brenda Snodgrass	Brenda.snodgrass@ag.ok.gov	OK Dept of Ag
Kristi McCallum	Kristina.McCallum@state.co.us	CO Dept of Ag.
Michele Swarbrick	Michele.swarbrick@state.mn.us	MN Dept of Ag
Josh Arbough	jarbaugh@wvda.us	WV Dept of Ag.
Sharon Webb	Sharon.webb@uky.edu	U of KY Dept of Reg. Services
Deepika Curole	dcurole@ldaf.state.la.us	LA Dept of Ag.
Louise Ogden	louweeziann@gmail.com	AAFCO
Teresa Grant	Teresa.grant@ncagr.gov	NC Dept of Ag.

Advisors Present:

Name	e-mail	Organization
Lars Reimann	LarsReimann@EurofinsUS.com	Eurofins Scientific
Andy Crawford	andy@crawford.org	Consultant
Ken Riter	Ken.Riter@purina.nestle.com	NPAL
Jeff Horst	Jeff.Horst@agriking.com	Agriking
Bill Hall	Bill.Hall@mosaicco.com	Mosaic

Committee Report

Committee Activities

ACTION: None

Sub-Committee Activities

ACTION: None

Committee Minutes

- 1.) Review and Approval of Agenda – Agenda was approved with the addition of a discussion about Starch Method (AOAC 2014.10). Sign-up sheet sent around.
- 2.) Committee Roster and Appointments – the list was sent out for review and update. People interested in joining the committee either as Members or as liaisons should contact Nancy Thiex or Aaron Price.
- 3.) FSMA Implementation Task Force Update – Looking for potential new analytes and associated method needs. The Taskforce will report its needs to the Lab Committee.
- 4.) Working Group (WG) Updates:
 - a. Tylosin
Tom Phillips is progressing slowly and with new duties is unlikely to be able to continue chairing this working group. Leo Schilling (Eurofins) offered to help out this working group as they have an LC method for tylosin.
 - b. CTC
Tom Phillips looking to finalize method draft, prepare and distribute collaborative samples. Leo Schilling to assist. The collaborative study will start soon. Sharon Webb promised to assist with providing results based on the official microbial method.
 - c. Fat soluble vitamins
Ken Riter reported that the group is looking into alternative organizational approaches in light of current slow progress. Next step is a ring trial using NIST Infant Formula material with each lab analyzing the sample once on two days. Results are expected at the January meeting.
 - d. Best Practices - Fiber
Lawrence Novotny reviewed method details obtained from a survey by 50 labs. Committee will generate a report based on the info received. It was suggested to ask the respondents for the uncertainty they associate with their method.
 - e. Sugar method:
Jeff Horst reported that Covance had not had time to work a lot on the method, that Thermo Fisher had donated Covance a system enabling them to fine-tune the method. The method will be validated for food, pet food, feed and their ingredients. Goal is to present at AOAC's March EPR meeting.
 - f. Mycotoxin analysis:
No report. An EU group has completed a collaborative study focused on feed and is planning to take it to AOAC. The WG will be maintained in a "dormant" state pending the issuance of the method. One task is to get hold of the EU method and study. Nancy Thiex will contact Robert Sheridan to obtain this.
 - g. Multi-element metal determination::
NY Dept of Ag presented a SLV for a multi metal analysis at the January meeting, and is in the process of preparing a manuscript of their SLV. The CV's were higher than what some labs are able to achieve. Sharon Webb plans to do a SLV of her method using the same materials.

- h. AAFCO Lab Sample Preparation Guidelines:
Michelle Swarbrick reported that the WG would meet for a 1 week off-site session to rewrite the 2000 document covering feed sample preparation.
- 5.) Sample Splitting Results – Heidi Hicke presented her study on sample preparation and splitting procedures. This presentation will be made available with the meeting minutes.
 - 6.) Sample Prep and ISO 17025 compliance - Heidi Hicke outlined her understanding of the ISO requirements covering grinding and associated activities. Discussion followed as to what would be the minimum requirements of the standard. This presentation will be made available with the meeting minutes.
 - 7.) Starch method – Lars Reimann discussed the need for user feedback as part of the process of moving the starch method put together by Mary Beth Hall (AOAC 2014.10) from “First Action” to “Final Action” status with AOAC. Anyone with comments as to the ease of use and other constructive criticism should contact Lars Reimann.
 - 8.) LM&SC Funding Proposals and Opportunities – Nancy Thix reported that AAFCO had funded several projects last year, that 2 projects had received funding this year and that additional funding might be available this year. The funding cycle is July 1-June 30.
 - 9.) APHL Web Resources – Yvonne Salfinger presented the tools incorporated into the APHL website. It is open to the public and contains a lot of material of value when seeking 17025 accreditation.
 - 10.) AAFCO website and resources – many resources are available. Updated verbiage for the program formerly known as the “AAFCO Check Sample Program”, now the “AAFCO Proficiency Testing Program”. FDA may provide a repository of the methods submitted to them by industry including validation data summaries as this is one of their deliverables under FSMA. Short term States can contact Lei Tang (lei.tang@fda.hhs.gov).
 - 11.) AAFCO’s “Feed Bin”: Louise Ogden summarized the capabilities of “Feed Bin” and how it could be of help to AAFCO committees and work groups. Comparisons were made with “Food Shield”.
 - 12.) New Methods Needs and New Needs Statements – Aaron Price discussed the status of the identified methods needs and associated Needs Statements. Last survey asking for and ranking needs was completed in 2012. In a couple of years it is expected that the AAFCO FSMA Task Force will provide additional method needs. Until then this project will remain “dormant”.
 - 13.) International Food Protection Teaching Institute (IFPTI) WG update – Yvonne Salfinger reported that the WG was working on a supplement for labs. Working in 18 areas building teaching programs meeting specific standards (identifies the competences expected of a person having completed a specified training program). An overview to be distributed with the meeting minutes.
 - 14.) Laboratory Centers of Expertise – the committee submitted a “white paper” on the subject to the AAFCO BoD at the last meeting. A working group will be formed at the BoD level and volunteers from the committee will be requested to participate.



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- 15.) Strategic plan for the Lab Committee – AAFCO BoD had specific “wishes” in their strategic plan most of which we are already working on.
- 16.) AgLabs accessibility – currently AgLabs can only be accessed by members of the regulatory community. The option of opening it to industry as well was not popular – it would likely put a damper on the exchanges. Another was to have a second listserv that industry could join – the challenge is finding someone willing to manage the exchange.
- 17.) Identification of “Subject Matter Experts” – Question if (and where) we could list people willing to offer assistance in specific areas. Supposedly one venue is already available on the AFDO website. No action taken on this issue.
- 18.) AAFCO’s cooperative agreement with FDA – Nancy Thiex reported that the agreement was about to begin the 5th year of a 5 year contract. See Nancy Thiex if interested in any of the deliverables. Nancy is looking for suggestions for needs suitable for use as the basis for a new contract.
- 19.) QC/QA sub-committee – This is a newly formed sub-committee under the Lab Methods committee and replaces the QA/QC working group. S. Chigurupati is the Chair, Teresa Grant & Kristi McCallum are Vice-Chairs. Committee activities include sharing best practices, promote lab accreditation, build list of PT Providers, facilitate equivalency of data, etc. The chairs of the LM&SC have outlined the scope of the sub-committee.
- 20.) Animal Feed Program Regulatory Standards (AFRPS). Theresa Bills, Program Officer, outlined the funding mechanism and funding availability. Currently 19 states are participating although the program likely will likely end up with 22 state labs. Standard 10 outlines FDA’s performance standard expectations for labs receiving FDA grants.

The meeting was adjourned at 4:00PM

Action Item Table

Responsible	Item	Action	Timing / Status
CTC working group	Method draft and Collab study	See item 4b above	January meeting
Fat-soluble vitamin WG	Distribute NIST samples to labs	See item 4c above	January meeting
Best practices working group	Laboratory survey	L. Novotny to collect information on method uncertainties from responding labs.	January meeting
Sugars working group	Validation results	Covance to present these at the AOAC ERP meeting in March, 2017.	March 2017
Mycotoxin WG	EU collaborative study	Nancy to obtain the collaborative study from R. Sheridan	September 2016 (complete)
Multi-element method WG	Single lab validation	S. Webb to perform a SLV with their method using the same materials as used by NY.	Next annual meeting in August 2017.

Full List of Attendees at the Meeting

Name	e-mail	Organization
Lars Reimann	LarsReimann@EurofinsUS.com	Eurofins Scientific
Dorota Inerowicz	inerowic@purdue.edu	Office of Indiana State Chemist
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Nancy Thiex	nancy.thiex@gmail.com	AAFCO
Lisa Ruiz	lisarui@eurofinsus.com	Eurofins Scientific
Andy Crawford	andy@crawford.org	Consultant
Brenda Snodgrass	Brenda.snodgrass@ag.ok.gov	OK Dept of Ag
Kristi McCallum	Kristina.McCallum@state.co.us	CO Dept of Ag.
Yvonne Salfinger	yhale@aol.com	APHL/AFDO
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Srinu Chigurupati	Srinivasulu.Chigurupati@fda.hhs.gov	FDA
Richard Cantrill	Richard.cantrill@aocs.org	AOCS
Bill Hall	Bill.Hall@mosaicco.com	Mosaic



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Appendix

Attachments:

Riter and Inerowicz presentation on Fat-soluble vitamins
Novotny presentation on fiber methods
Hickes presentation on importance of sample splitting procedure
Hickes presentation on sample prep / ISO 17025
Salfinger presentation related to APHL
Salfinger presentation related to IFPTI
Ogden presentation on Feed Bin capabilities
Ogden Proficiency Testing Program Brochure
Chigurupati presentation on QA/QC sub-committee