



Laboratory Methods and Services Committee Report/Minutes

AAFCO Virtual Midyear Meeting
 Thursday, January 21, 2021 11:00 to 12:30 PM (EST)

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

Members Present:

Ametra Berry	Georgia Dept. of Agriculture
Brenda Snodgrass	AAFCO PT
Christine Belna	Ohio Dept. of Agriculture
Deepika Curole	Louisiana Dept. of Agriculture
Dominika Kondratko	Colorado Dept. of Agriculture
H. Dorota Inerowicz	Office of the Indiana State Chemist
Kristi McCallum	Colorado Dept. of Agriculture
Lei Tang	DHHS/FDA/CVM/OSC/DAF MPN4
Manisha Das	FDA/CVM/Division of Animal Feeds
Mary Koestner	Missouri Dept. of Agriculture
Michele Swarbrick	Michigan Dept. of Agriculture
Nancy Thiex	Life Member
Patty Lucas	Florida Dept. of Ag and Consumer Services
Rebecca Moseley	Alabama Dept. of Agriculture
Robin Johnson	Montana Dept. of Agriculture
Sally Flowers	Kansas Dept. of Agriculture
Victoria Watkins	Kansas Dept. of Agriculture
Sharon Webb	University of Kentucky Regulatory Services
Srinu Chigurupati	FDA / ORA / Office of Regulatory Science
Tai Ha	Nebraska Dept. of Agriculture
Tom Phillips	Maryland Dept. of Agriculture

Advisors Present:

Alexis Huyghues-Desointes	JH Smuckers
Andy Crawford	Consultant
David Fairfield	National Grain and Feed Association
Ken Riter	Nestle-Purina Analytical Labs
Kyle Bennett	Neogen
Lars Reimann	Eurofins
Leo Schilling	Eurofins
Pat Tovey	Pet Food Institute
Jeff Horst	Agri-King Inc.

Committee Report

Committee Activities

ACTION: None

Sub-Committee Activities

ACTION: None

Committee Minutes

- 1) Welcome, Introductions, & Adoption of Agenda- K. McCallum & S. Webb
 - a. Meeting called to order at 11:04 am, EST
 - b. Motion to accept Agenda- Brenda Snodgrass, Oklahoma
 - c. 2nd- Tai Ha, Nebraska
 - d. Motion passes unanimously
- 2) Review of Committee Roster and Appointments- K. McCallum
 - a. Please email Kristina.mccallum@state.co.us with any changes
- 3) Presentation, Biomass Algae by Lieve Laurens, National Renewable Energy Laboratory
- 4) Presentation, Vitamin D Method Validation by Dr. Wei Li, Office of the Texas State Chemist
- 5) Presentation of 2020 Hazards and Contaminants Survey by Josh Arbaugh, West Virginia Department of Agriculture & Eric Brady, Tennessee Department of Agriculture – To view the summarized survey results, please go to <https://www.aafco.org/Regulatory/Committees/Laboratory-Methods-and-Services#minutes>

Summary of Survey Results:

- a. Of the toxic metals identified as a critical need, Selenium was the only analyte that many labs did not report having the capability to analyze for. Selenium was the only metal identified as a critical need without capacity amongst the toxic metals. Is this an issue of equipment in the labs or detection limits or methods? This is a question that needs to be asked of the laboratories.
- b. Speciation of toxic metals is a new and growing need from regulators that many labs do currently have capability for. Method validation work will be needed.
- c. Microbial Pathogens are a critical need, with most labs having the capability. What help can we offer labs who want to start this testing? In-lab training once COVID is not a factor?

- d. Dioxin and Pentobarbital were identified as critical needs for analysis with next to no laboratory capability. These methods will need to become "Method Needs" for the LMSC and methods will need developed and/or validated.
 - e. Vitamin D toxicity and deficiency is still extremely important but few labs have the capability and/or equipment to analyze for this. This will become a "Method Needs" for the LMSC
 - f. Drugs and Drug Residues are still important, but we are seeing a clear area to focus on by regulatory requesting specific drugs. Methods exist but the LMSC will need to access capability.
 - g. Pesticide Residue is of growing importance. A focused list of pesticides and associated commodities would be a logical next step. Possibly a collaboration with AAPCO.
 - h. **Next steps:** Identify equipment needs, what existing methods will require matrix extension work to include feed and feed ingredients, identify what new method development and/or validations are needed, future training opportunities and any Best Practice Guidance that need written. This will be done by development of a survey for State Agriculture Laboratories. This survey will be sent through AAFCO. The co-chairs will also ask APHL if they could send the survey to ensure all state agriculture laboratories get the survey.
 - i. Once the survey results are completed, the LMSC will:
 - i. Create Method Needs Statements for those analytes where method development is needed.
 - ii. Develop a training plan and proposal for the AAFCO BOD to review/approve to help train laboratories who may have the testing equipment for a method but lack trained staff.
 - iii. Identify existing methods and develop Best Practice Guidelines as needed.
 - j. This survey will be sent to State Agriculture Regulatory annually to be able to respond to the changes and needs of programs.
- 6) Budget Requests for July 2021-June 2022
- a. **Submit proposals to Committee Chairs by March 1, 2021**
- 7) Meeting adjourned on Thursday, January 21, 2021 at 12:31 EST.



FINAL: February 22, 2021

Appendix

Attachments:

To view the AAFCO Method Needs 2020 Survey Results

<https://www.aafco.org/Regulatory/Committees/Laboratory-Methods-and-Services#minutes>

For a list of presentations given during this meeting, please see the AAFCO Laboratory Methods and Services committee website at the following link:

<https://www.aafco.org/Regulatory/Committees/Laboratory-Methods-and-Services#minutes>