

AAFCO Mid-year Meeting

Minutes of the Collaborative Check Sample Program Committee Meeting

Tuesday January 20th 2009, 10:30-1:00pm, Marriot University Park, Tucson AZ

The following were in attendance:

Name	Representing	Telephone	Email
Victoria Siegel	Office of Indiana State Chemist	765-494-1565	vsiegel@purdue.edu
Andy Crawford	Independent	626-333-1812	nutroandy@aol.com
J. Dennis McCurdy	CVM / FDA	240-453-6852	John.McCurdy@fda.hhs.gov
Aaron Price	Canadian Food Inspection Agency	613-759-1298	pricea@inspection.gc.ca
Lars Reimann	Eurofins Scientific	901-301-8425	larsreimann@eurofinsus.com
Gail De Greeff	Prince Agri Products, Inc.	217-222-8854	gaildegreeff@princeagri.com
Tim Costigan	Prince Agri Products, Inc.	217-222-8854	timcostigan@princeagri.com
Nancy Thiex	South Dakota State University	605-688-5466	Nancy.thiex@sdstate.edu
Melton Bryant	University of Kentucky	859-257-4834	mbryant@uky.edu
Mark Coleman	Elanco Animal Health	317-277-4613	mcoleman@lilly.com
Ed Wittleder	Elanco Animal Health	317-433-5826	Wittleder.e@lilly.com
Reggie Roybal	Colorado Dept. of Ag.	303-477-0014	Reggie.roybal@ag.state.co.us
Xin Li	CVM / FDA	240-453-6863	Xin.li@fda.hhs.gov
Linda Benjamin	CVM / FDA	240-453-6855	Linda.benjamin@fda.hhs.gov
Charlie Staff	Distillers Grains Technical Council	502-852-1575	Chstaf01@louisville.edu

The meeting was led by Victoria Siegel, Committee Chair

1. The minutes of the Annual Meeting were approved (Aaron Price moved, Mel Bryant second, all in favor).

2. Sharon Krebs provided data for the financial report

3. Program Participation report

Current enrollment for 2009 Program is 168 of which

- 108 (64%) US labs
- 37 (22%) International labs
- 23 (14%) Canada

Another 95 subscriptions comprising of 17 US locations and 1 Canadian location have joined for the year. Note that only data from one analyst per location is submitted to the regular AAFCO analysis. Renewal notices were sent out later than usual this year, and we expect to have a similar participation rate to last year.

Update:- Current enrollment in the Program is 229, not including the additional 95

4. **Data Reporting Website.** The prototype data reporting website was demonstrated and the following recommendations were made.

- 1-List samples by sample number and not by due date
- 2-Add a link to give access to the AAFCO method code listing & references document
- 3-Add a link to give access to the sample label
- 4-Remove the second "unit" column and add the method reference instead
- 5-Add other sources of method references, listing them in the following format if

multiple references are applicable-

AOAC 990.03 / AOCS Ba4e-90 / ISOXXXXX.

The AOAC location reference will be removed since the OMA is on-line.

6-In the administrative site, the method reference character limit will need to be increased

7-Results entered will be limited to a maximum of four decimal places.

Since this is a change over existing policy, the Chair proposed this as a motion “Check Sample Program data reported will be limited to a maximum of four decimal places”.

Aaron Price moved the motion and Reggie Roybal seconded. All were in favor.

However, the group decided to work on a guidance document to distribute to participants, explaining how to determine appropriate significant figures for data reporting. Aaron Price volunteered to work on this.

8-Change the red asterisk to white and edit the text associated with the asterisk

9-Enable data for Day 1 and Day 2 to be entered separately (at different times). To allow for this, we request a “Data submission status” panel that would allow partially entered data to be “Saved for later”. The data can be resubmitted at any time until the data analysis begins, and we ask for a tab reading “Sample data submitted? Yes or No”, or equivalent, to inform the participant as to whether the results have been submitted for statistical analysis. We want this tab to be at the top of screen (we do not want to have to scroll down to see it). In the current version the data cannot be submitted unless there is both a Day 1 and a Day 2 result entered, and the results are submitted. Subsequent editing can be done, and the results are submitted again. There is no limit on how many times you can submit your data prior to the statistical analysis.

10-The group discussed having a feature that would enable “less than” results to be reported for informational purpose, since they cannot be analyzed statistically in the same way.

***Action item:-** Chair will meet with the web programmer and discuss adding these features.*

***Update:-** The web programmer is implementing the majority of these changes. We hope to have the updated version available for demonstration at the Annual meeting '09.*

***Action item:-** Chair will continue to work on the “instruction manual” for introduction of the reporting website and the revised data analysis to the participants. The draft manual will be distributed prior to the Annual Meeting.*

5. Method code needs.

The expanded series of mineral method codes approved by committee at the 2008 Annual meeting have been programmed into the data reporting website. The group proposed that we add additional method codes for graphite furnace methods for the following minerals: As, Ba, Cd, Co, Cr, Cu, Mo, Ni, Pb, Se and V.

***Action item:-** Chair will assign method codes and update the data reporting website.*

Addition of references to AOCS methods. The following AOCS method references are equivalent to existing AAFCO method codes as listed below:

005.03, 011.02 and 300.21 are proposed as new AAFCO method codes

AAFCO Method code	Description	AOCS reference
001.00	Loss on drying- vacuum oven	Ba2b-82

002.06	Protein- combustion Nitrogen analyzer	Ba4e-93
002.08	Protein- Cu/Ti	Ba4d-90
003.06	Fat- Pet ether	Ba3-38
003.14	Fat- Ankom	Am5-04
004.00	Fiber- crude asbestos free	Ba6-84
004.07	Fiber- Ankom	Ba6a-05
005.00	Ash	Ba5a-49
005.03	Ash- acid insoluble	Ba5b-68
011.02	Loss on drying- 130°C for 2 hours	Ba2a-38
300.03	Aflatoxin- Vicam Aflatest	Ab7-91
300.21	Aflatoxin- LC-post column photochemical derivatization-FI	Aa11-05

Motion: To add these AOCS references and also to add any verified equivalent ISO method references to the AAFCO method code document as required. Moved by Nancy Thiex and seconded by Mel Bryant, all were in favor.

Action item: Update the AAFCO method code references on the data reporting website to include AOCS and ISO references. Inform participants about the new references.

Addition of references to equivalent ISO methods. Copies of the ISO methods listed below have been purchased and are currently in review by Brenda Snodgrass (OK), Karen Taylor (NY) and Sharon Webb (KY).

Analyte	AAFCO code	AOAC Reference	ISO Reference
Protein, block dig/dist	002.10	2001.11	5983-2
Fat, Soxtec, Pet ether	003.10	NA	11085
Ash, 3h, 550°C	005.04 (new)	NA	5984
Fiber, neutral detergent	009.07	2002.04	16472
Starch, Polarimetric	012.00	NA	6493
Fat, Soxtec, acid hydrolysis	013.10	NA	11085

Update:- ISO 6493 and 11085 have been verified as equivalent to the AAFCO method codes listed (Thanks Karen!).

Motion: To seek out other validated method sources and reference any verified equivalent methods to existing AAFCO method codes. Moved by Reggie Roybal and seconded by Aaron Price, all were in favor.

- 6. Special samples** – Corn Dried Distillers Grains with solubles (DDGs). AAFCO sample 08-102 was prepared in a larger quantity (extra 150lbs) than usual to allow for plenty of “past sample” material to sell, and also to allow for the chance for the extra material to be used for a special project. A typical number of past samples are currently stored at Able laboratory, and the additional material is frozen and in storage at the lab of the Chair (OISC). The committee discussed potential special projects which included testing for Blank or incurred residues and validation studies for mycotoxins, antibiotic residues, urea sulfur or melamine. The committee offered the material to the Lab Methods and Services committee.

Commodity / Feed ingredient for 2009. The committee selected meat and bone meal as the feed ingredient for the 2009 program.

Action item:- Check availability with known contacts.

Update:- 250lbs of Porcine meat scraps is on order from Central Farm Supply of Kentucky. This will be paired along with some medicated foundation cattle mineral (CTC). The paired sample will be shipped as the July or August sample, depending on delivery date.

Canned Pet Food for 2009? The Chair will try to include another canned pet food for the 2009 or 2010 Program. Suggestions for the sample included low magnesium cat food.

- 7. Expanded program for drugs and antibiotics.** This project has been put on hold until after the website / calculations project has been completed.

Action item:- Development of a template for the SOP, and completion of the SOP

Action item:- Preparation of a prototype sample for homogeneity testing and homogeneity testing as described in the International Harmonize Protocol for the proficiency testing of analytical chemistry labs (IHP).

- 8. Other business –** None was discussed

Update:- Ursula Gage from the Kansas Department of Agriculture Laboratory has volunteered to serve on our committee. Thanks so much Ursula and welcome aboard!