



Collaborative Check Sample Program Committee Report/Minutes

Friday July 25th 2014

1:30-5:30pm

Sacramento, CA

COMMITTEE RECOMMENDATIONS: To increase the price of participation in the Mycotoxin Contaminants Program to cover costs of the Program in 2015; to open enrollment to include labs in Canada. To open enrollment in the Pet Food Program to include labs in Canada; to set a base price for each case of canned cat food quality reference material (sample 201497) and raise it in \$25 increments to cover average shipping costs within the U.S. and Canada.

BOARD RECOMMENDATIONS: None

ASSOCIATION ACTIONS: None

Committee Participants:

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¹ Indicates members of the committee

⁴ Indicates AFDO liaisons

² Indicates liaison to the AAFCO Board of Directors

⁵ Indicates APHL liaisons

³ Indicates industry advisors

Committee Report:

- *Committee Activities*

- MOTION: “Review and approval of meeting agenda” Sharon Webb / second: Andy Randall – passes
- MOTION: “Increase cost of the Mycotoxin Contaminants Program to \$110 per sample (\$440 for 2015 year) to allow the Program to break even financially” Sharon Webb / second: Mark LeBlanc - passes
- MOTION: “Charge \$50 per canned pet food case (QRM 201497); obtain approximate shipping cost from Able Lab per case and round up to the nearest \$25 (minimal cost per case will be \$75 incl. s & h) Sharon Webb / second Aaron Price - passes
- MOTION: “To adjourn the meeting” Sharon Webb / second: Aaron Price – passes

Committee Minutes:

1. The meeting was called to order at 1:35 pm. Teresa Grant joined by teleconference; difficulties with Foodshield prevented use of the webinar. No new business was added to the agenda. Sharon Webb moved to accept the agenda, seconded by Andy Randall. The motion passed. (Reminder: Mid-year Meeting Committee Report was accepted by e-vote in February 2014).
2. The committee rosters for members, industrial advisors or QA Oversight Team were reviewed. Thanks to Jimmie Ward for his service as Industry Advisor and QA Oversight team member; congratulations on your upcoming retirement! Anyone interested in serving in any of these roles should contact Vicki Siegel via email.
3. Jennifer Roland (FASS) provided data for the financial report



4. Program Participation report

Current enrollment for 2014 Regular AAFCO Program is 263 labs of which

- 141 (54%) US labs
- 100 (38%) International labs
- 22 (8%) Canadian Labs

Enrollment in 2013 was approximately 275 labs, but we expected a slightly lower enrollment this year due to our offering of additional Programs. Participating in the 2014 Program are fifteen new labs, ten international, four in the U.S. and one new lab in Canada.

Pet Food Program (PFP)

Current enrollment for the PFP is 74 labs in the U.S. A special group of 118 analysts at 18 different lab locations (17 in the US and 1 in Canada) are also enrolled this year. The 2014 program included the following quarterly samples of ingredients used to manufacture pet foods: Fish meal, potato flour, Beet pulp and non-fat dry milk. Thanks to our pet food industry partners who donated ingredient samples. Labs enrolled only in the PFP also were shipped sample 201428 (dry cat food) and could sign-up to receive sample 201497 (canned cat food) offered in the Regular Program as part of the PFP fee. The Program is offered only to labs in the U.S. in 2014, however, any laboratory may purchase our left-over portions as Quality Reference Materials (QRMs) using the forms on the CCSP page of the AAFCO website. The committee decided to offer this program to Canadian labs in 2015.

Mycotoxin Contaminants Program (MCP)

Current enrollment for the MCP is 29 labs in the U.S. One additional lab in Canada is enrolled to determine whether these samples will have shipping problems. The first two quarter samples (201461 Poultry Feed and 201462 Swine Feed) have been delivered successfully in Canada. The 2014 Program has been subsidized by the FDA grant, which covered sample preparation expenses and the data analysis for this Program. To break even financially in 2015, the committee agreed to increase the cost to \$110 per quarter (current price \$100 per quarter). Motion moved by Sharon Webb and seconded by Mark LeBlanc; all were in favor of the motion. To allow for increased participation, the committee agreed to open enrollment to labs in Canada for the 2015 Program.

5. Method code needs.

Update on Revisions/Additions to the method codes: The unit changes that were voted on at the 2013 annual meeting have been added to the new Data Reporting Website (DRW). A new screening project for collection of data on residues of veterinary drugs in the Regular Program samples was initiated in March 2014 with release of residual AAFCO method codes (in the 300s) for veterinary drug analytes. Codes for fatty acids determined using AOCS ce 1j-07 will be added in the next method update (targeted for March 2015).

A request to add codes for Peroxide value (rancidity indicator) was discussed at length. The challenge associated with testing for this analyte is the inherent variability in results (results tend to be interpreted by trend over time rather than actual value). However, there is a need for our participant labs to have PT samples for this analyte. The method code would reference an AOCS method for detection but we may need multiple codes to accommodate specific extractions. The



committee agreed to survey participants for interest in reporting this analyte and the survey should ask for information on methods being used.

A request to add method codes for energy dispersive x-ray fluorescence spectroscopy (EDXRF) and wavelength dispersive x-ray fluorescence spectroscopy (WDXRF) was discussed by the committee. Only one lab represented at the meeting is using this type of analysis, and they are calibrating the results against traditional ICP analysis. Addition of method codes for this technology would require multiple metal analyte codes. The group decided not to survey participants. We will wait until more participants let us know that they are using this instrumentation before we consider addition of these codes.

6. Additional Samples

A canned cat food sample is currently out for testing (sample number 201497) with a results due date of August 10th. Approximately 50 labs are participating in the testing round. Thanks to our partner in the pet food industry who donated this sample to the Program. The remaining material will be sold by the case. A base price of \$50 for the case of cans was established by the committee. We will add the approximate shipping cost rounded to the nearest \$25 to set a purchase price. International labs will need to pay for courier delivery of the shipment. The motion was moved by Sharon Webb and seconded by Aaron Price. All were in favor.

Note that a canned dog food has been requested for the next canned pet food sample.

A meat and bone meal sample will be the 2014 Program ingredient sample.

7. Updates on FDA grant-activities related to Program expansion

- Data Reporting Website (DRW)

The new DRW was opened for data reporting in March 2014. Vicki demonstrated the updated features to the group. The response to the new website has been extremely positive; Mark Budden at FASS is doing a wonderful job! Suggestions for a couple of small improvements include changing the title from "Submission Receipts" to "Activity Receipts" since the receipts also are provided when single data entries are saved, not just when data are submitted. The other suggestion is to automate the password retrieval process (not discussed at the meeting but raised in other conversation).

- Pet Food Program (PFP)

The stand-alone Program has been well-received by participants and will continue to be offered in 2015. Thanks to Nancy Thiex who procured all four samples for the Program this year. We appreciate very much that three of the samples were donated by our industry partners. Suggestions for samples for 2015 include rice. For the beet pulp sample it was requested that suggested analytes be included on the label (in the "test as desired" section) and in the shipping notice: fiber (crude and other specific fractions). The committee agreed to open this Program to Canadian labs for 2015.

-Mycotoxin Contaminants Program (MCP)

Andy Crawford gave a presentation on the results from the first quarter sample (poultry feed). See attached Power point presentation "Mycotoxin201461Presentation.pdf. The statistical approach selected by the committee appears to be working well for the data and we are expecting the units issue (labs reporting ppm instead of ppb for DON and Fumonisin) to be resolved for the next sample. The method codes documents will be edited so that total aflatoxins and fumonisins are listed under the "As" and "Fs" specifically, instead of the "Ts" in the alphabetical listing. Also, we need to create a separate listing for HT-2 since our sample assigned values list this separately and



the LC methods report this separately but one of the test kits reports a combined T-2 / HT-2 result. The Program will continue to be offered in 2015 (open to Canadian labs too). Matrices suggested for 2015 include a dairy cattle feed, a horse feed, a dry pet food and a swine feed.

- Heavy Metals contaminants Quarterly Program for 2015

Nancy Thies has been working on the project to find a provider to prepare these samples and to develop a prototype sample. It has been more challenging than expected, however, a good candidate has recently been identified and is currently working with a base bulk sample of dry dog food provided by AAFCO to prepare the prototype. Metal salts will be spiked into the sample; over the course of four quarterly samples we plan to vary concentrations of approximately fourteen toxicologically significant metals. A survey is currently out with participants to assess interest in the Program to assist with planning for sample preparation etc. Please be sure to respond to this very brief but vitally important survey! The committee discussed desirable sample matrices which included finished animal feeds, pet foods and foods (rice or other grains were suggested as applicable to both feed and food labs).

- Triple vet. Drug / vet drug contaminants project plans

Due to the high volume of other projects brought to completion this year, we have not made progress with this project this year. It should be noted that the residual method codes for veterinary drugs are not being used for reporting of data on our regular Program samples. This indicates that the market for this kind of PT sample is more specific and more limited in numbers so we anticipate that this Program may well be difficult to sustain without grant support.

8. Updates on FDA grant activities related to accreditation to ISO 17043 / ILAC-G13

No progress reported; see item 9.

9. Other business

The Program is looking for a new Chair and Vice-chair since Vicki will no longer be an AAFCO member, due to a job change in September 2014. Anyone interested in volunteering for these positions should notify Vicki as soon as possible. There will be an active call for candidates going out to AAFCO members shortly. Management responsibilities may be subdivided among multiple individuals in support of accreditation requirements. Vicki will continue in an Industry Advisor role.

Action Item Table:

Responsible	Item	Action	Timing / Status
Chair / Vice chair	New method codes	Add fatty acid codes to DRW; edit total aflatoxins or fumonisins to Aflatoxins, total; add HT-2 codes; update method code documents; send to Andy; post on website	In next method code update (est. March 2015)
Chair / Vice chair	Survey labs for peroxide value method code	Survey labs to establish interest in adding PV AAFCO method code; request information on methods used	Due before mid-year meeting (January 2015)



Responsible	Item	Action	Timing / Status
Vicki Siegel	Canned pet food QRM	Ask Able for approximate shipping cost; set case price and add to QRM inventory	Due by end of September 2014
Vicki Siegel	Data Reporting Website	Request change to "Activity Receipts" not "Submission Receipts"; automate password retrieval	Due before mid-year meeting (January 2015)
Vicki Siegel	PFP Beet pulp sample	Add fiber analytes to the "Determine as desired" section of the AAFCO sample label	Prior to shipment (end of August 2014)
Vicki Siegel	Training & transition	Provide relevant training to those assuming tasks during transition to new chair	Until new chair / vice chair are independent