

Combined Minutes from the

Meeting of the Feed Additives and Contaminant Subgroup

Sunday, September 11, 2005; 3:00-5:00

Meeting of the AAFCO Laboratory Committee

Tuesday, September 13, 2005; 8:00-9:30AM

Present were

Name	E-mail Address	Organization
Anivis Sanches	Sanchesaa@inspection.gc.ca	CFIA
Becky Owen	Rowen@cvm.fda.gov	FDA/CVM
Charles Focht	chaslf@agr.state.ne.us	Nebraska Dept of Ag
Faye Wei	Faye.wei@cvm.fda.gov	FDA/CVM
Gary Lombart	Gary_Lombart@hc-sc.gc.ca	CFIA
Geo. W. Latimer, Jr.	g-latimer@neo.tamu.edu	TX Center for Food and Feed Safety
Harold Campbell	hcampbell@inspection.gc.ca	CFIA
J. Dennis McCurdy	jmccurdy@cvm.fda.gov	CVM/FDA Div. of An. Feeds
Jane Sabbatini	Janesabbatini@eurofinsUS.com	Eurofins
Lars Reimann	LarsReimann@EurofinsUS.com	Eurofins Scientific
Lazlo Torma	lazlo@pickeringlabs.com	Pickering Labs
Linda Benjamin	Linda.Benjamin@fda.gov	FDA/CVM
Lu Wetzler	Lwetzler@agr.ne.gov	Nebraska Dept of Ag.
Mark Coleman	mcoleman@lilly.com	Elanco
Mary Leadbetter	mleadbet@cvm.fda.gov	CVM/FDA
Michael Oehlsen	moehlsen@cvm.fda.gov	FDA/CVM
Michelle Campbell	Michelle.campbell@state.mn.us	Minnesota Dept of Ag
Nancy Thiex	Nancy.Thiex@sdstate.edu	SDSU
Rob Jeppsen	rjeppsen@albion-an.com	Albion Advanced Nutrition
Rod Noel	noelr@purdue.edu	OISC
Sara Williams	smw@otsc.tamu.edu	Office of Texas State Chemist
Tom Jensen	tjensen@agr.ne.gov.	Nebraska Dept. of Ag
Valerie Reeves	vreeves@cvm.fda.gov	FDA/CVM

Following self introductions the following items were covered:

Minutes approved.

The minutes from the meeting that took place during AAFCO's annual meeting in August 2005 were approved. The minutes and attachments are posted at the web site www.nfalc.org.

AFFCO Annual Report:

The AAFCO Annual Report was reviewed. No comments

Vaughn letter:

A sub-group with representatives from the FDA and AAFCO had met to discuss how best to have updated methods gain FDA approval with the least interaction and expense from the manufacturer. A suggested procedure (mainly addressing Type C and some Type B feeds but NO Type A articles) involves the prioritization of target analytes, the preparation of "Needs Sheets", the selection of methods, single lab validation of method and preparation of the study protocol by members of AOAC Agricultural Community and AAFCO and submitted to FDA for their review. Such packages must contain comparability data between the current approved method and the proposed method as well as representative chromatograms. If submitted with a letter and check from a sponsor (ADUFA) such reviews will be given priority. Following FDA's review the method can be collaboratively studied and assuming everything goes well attain Official Analysis Status as well as Regulatory Approval status. Such methods will be alternate methods. FDA will not review and change anything else in a NADA (including limits) involved with the approval of alternate methods.

The Committee agreed to use the Method for Monensin, Narasin and Selenomycin collaborated by Harold Campbell. Tom Jensen also volunteered to draft a response to Vaughn's letter.

Lasalocid:

19 sample sets have been sent to laboratories as part of a collab study.

Oxytetracycline:

17 sample sets have been sent to labs as part of a collab study.

Multi-analyte mycotoxin method:

Gary Lombart is the collector of method candidates. He has received 1 method so far. Method needs statement is on the AOAC website. The deadline for method submissions was extended to October 2, 2005. Nancy Thiex will also contact Michael Henry, FDA for his input.

Chlortetracycline:

Method needs statement is in the process of being finalized. Method is also being worked on. Scott Panagiotis w/ PennField Animal Health is the person currently working on this issue. A recent European article covering this method should also be considered. Nancy Thiex will forward article to Scott.

Virginiamycin:

Based on feedback from Alex MacDonald, Phibro and supported by an article in Analyst (1991) it does not seem that this drug is well suited for an HPLC based assay. This subject will be tabled pending the availability of new information challenging the information currently available.

Neomycin:

Phibro and PennField interested in an HPLC based method. Harold Campbell offered to further edit the

needs statement and forward it to Dennis McCurdy who in turn will incorporate the findings from his literature search on this drug and forward a final version to Nancy Thiex by October 2, 2005. It was agreed that the need statement should include the separate quantification of Neomycin B and Neomycin C but could omit Neomycin A (of little interest).

Non-nutritive metals:

Needs statement needs to be drafted. It was agreed to put this issue on "Hold" pending finding a volunteer to drive effort. It was suggested that this project might be better served by identifying performance standards for the individual steps of the analytical process rather than going the "complete method" route. Nancy Thiex will check with Steve Capor, FDA and Milan Ihnat to see if they would be interested in volunteering. She reported that Steve Capor is willing to help with the methods aspects but that the Committee needed to generate the Needs Statement. Bill Hall and Peter Kane may also be willing to extend fertilizer methods to feed matrices but detection limits may be an issue. Extension of food residue methods should also be considered.

It was agreed to start trying to identify pertinent maximum levels in different matrices.

Decoquate:

Harold Campell has a method that has been validated internally. The needs sheet was put together "after the fact". Since decoquate is an Alparma product, Nancy Thiex will call Sandy Flick and ask her to facilitate the review of the method and the needs statement by a qualified Alparma staff member. Depending how the method will rate on the prioritization scale, we may progress with a collaborative study of the method.

Pesticide Multi-analyte method:

Method needs statement needed. Nancy Thiex will speak with Randy Lovell, FDA and Mark Lee, CA Dept of Agriculture merging the food and feed approach to this issue and for their recommendation for how to deal with this issue.

Pyrrolizidine:

Is an alkaloid present in comfrey and a potent liver toxin. The need for a method was questioned. The issue came up as result of AAFCO's ESME group targeting the use of comfrey in feeds. Rob Jeppsen will write a paragraph describing the alkaloid and its occurrence and forward to Nancy Thiex. Nancy will in turn forward the note to AAFCO's BoD and ask for their assessment of the need.

Method prioritization.

Nancy will send out a survey ASAP to assist in the reprioritization of method needs. Deadline for responses will be October 2, 2005.

Low Carb work group status.

AAFCO formed a work group to address the use of carbohydrate labeling on feeds and pet foods. The nutritionists seem to have focused on starch and the simple sugars and representatives from the Lab Committee has drafted a summary of some of the methods that are available to address the targets.

Formation of a "Residues In Foods" Community:

Tom Jensen reported that a “Residue in Foods” Community was in its early stages of formation. A draft of Terms had been put together. The community would focus on pesticides and drug residues.

Respectfully submitted,

Lars Reimann

Eurofins Scientific, Inc.