Final version 1, 11/16/2020

Ingredient Definitions Committee Meeting Report

10/1/2020 e-Meeting

Minutes approved by committee 11/13/20

Recommendations to the Board and Association membership:

When needed, text is presented in appendix A .

1) GRS Notice 31 Beta Gluconase to published in table 101.1

2) GRS Notice 32 Phytase to be published in table 101.1.

Board Action:

To be considered in November 2020

Association Action:

To be considered in January 2021

Recommendations not needing further Association review

a) Proposed Page 328 edit should be referred to the Feed and Feed Ingredient manufacturing committee with a do-pass recommendation. Language has been sent to the committee chairs.

Minutes IDC 10/1/2020

Meeting was brought to order at 11:30 am EST by chair Ten Eyck. Meeting was held via zoom webinar. Committee Members and advisors had live audio, live video and a chat box to ask questions. All attendees had access to the chat box to ask questions.

Documents supporting the agenda are posted in the BIN library / Ingredient Definitions / Investigator Recommendations.

*1)*Roll call of Committee members was done prior to broadcast. 18/22 voting

members, *Quorum was present*

Richard Ten Eyck, Erin Bubb, Kent Kitade, Mika Alewynse, Ken Bowers, Stan Cook, Dave Dressler, James Embry, Maggie Faba, Ashlee-Rose Ferguson, Jacob Fleig, Brett Groves, Darrell Johnson, Ali Kashani, Dan King, Nathan Price, Laura Scott, Kelli Younker, Charlotte Conway, Jennifer Kormos

Missing: George Ferguson, Mark LeBlanc, Dave Phillips, Tom Phillips, Shannon Jordre

1) Vote on August Minutes, Dave Dressler moved to accept the 8/6-7 IDC minutes as displayed. Motion seconded by James Embry. Motioned passed with 14 in Favor.

~~2) GRS Notice _(placeholder)_____ Nathan (5min) (need form)~~

3) GRS Notice 31 Beta Gluconase – Motion to publish in table 101.1 was made by Jacob Fleig, Brett Groves seconded. Motion passed without discussion.

4) GRS Notice 32 Phytase – Motion to publish in table 101.1 was made by Ali Kashani, Ken Bowers seconded. Motion passed without discussion. GRAS notices for 33, 34 & 36 are anticipated to be in front of the committee in January.

5) *Hemp Update – Falina Hutchinson, MT no calls since last meeting, one entity waiting on safety data. Hemp seed meal for layers and broilers (not pet) is probably first up for review. Falina and Richard did present to AVMA on hemp products and CBD along with the IDC process. Current status of hemp is on the ww.aafco.org home page.

6) *Not-Defined workgroup update . Working on an index of common foods. – Kent Kitade gave an update. Needs a workgroup member from FDA. They will be meeting in October to work on the procedures for building the index. Erin Bubb asked about the timing of suggesting ingredients to put on the index. Dave Dzanis asked where the list will reside, Kent thought it might ultimately end up on ODI, but that is not nailed down yet. Some discussion was held around what constitutes "public information". There was a good analogy with subscriptions for journal articles. This is meant to be a "helpful" list.

7) Animal Products update– Stan Cook, Stan has formed a group of animal industry folks to discuss changes in processing methods and impacts on definitions. Rob ____ made comments in the chat on some quality topics.

8) ICG Verification workgroup report. – Richard Ten Eyck --accidently skipped--

No workgroups meetings held since August.

9) Vitamin Investigator MSBC ~~Workgroup~~ Report. Time for national coordination? – Tom Phillips recorded a video on MSBC that was played for the committee. This is not from the working group.

Industry commented on the video among the points that the ingredient had been used for 60 years, workgroup has not met for a year, do not agree with the recommendation to perform a GRAS notice, there is enough information on the ingredient now for states to use enforcement discretion.

The video made the points that the ingredient should be brought to the same safety standards as other ingredients. There should be data present within the feeding trials in pet food development. MSBC is being used in a wide host of animal species, none of which have a specified feeding rate (other than poultry).

Industry added that the safety of MSBC was assessed in the early 1960's in dogs and cats. The records of which have been lost. A large number (millions) of pet feedings have been done every year with no documented safety concerns . Proposed that IDC immediately add MSBC as a source of vitamin K in animal food. If this can not be done by IDC, the workgroup should bring forth the recommendation. The research trial in 1958 used 36g/ton in growing kittens for 12 weeks with no negative effects.

Consumers added comments in the chat. Menadione has some negative effects in humans, and is not used for them. Vitamin K is needed, but not all sources are metabolized the same.

A veterinarian in the gallery (Chat) pointed out that she was unaware that MSBC was being added to cat food. Cats do not metabolize vitamins the same as chickens. She thinks it is appropriate to ask for cat safety data.

ACVN added that vitamin K is a necessary nutrient and they are evaluating the safety and utility of MSBC. There is a draft white paper that could be provided to the workgroup before the end of the year.

The chair committed to sending the work back to the workgroup. Plan is to reconstitute the workgroup, likely with some additional scientific resources. They will report back to IDC in January.

10) **90.27 (NEW Table)** Pet food parenthetical Vitamin common name table (Investigator update with possible action item) --- Tom Phillips. A table 90.27 was displayed. The center column of which had parenthetical names of the vitamin chemical names. CVM objects to the use of the left column as it lists only the nutrient not the ingredient. The center column looks more acceptable. They will look at it deeper. Brett groves asked if labs need to know the actual chemical used to determine the correct analytical method. Dave Dzanis wondered if the current vitamin names even represent the current materials in the market – especially vitamin E. The center column looks like the better choice and ACVM could support it. PFI would still want column one (left), but the center column is better than the right column. Comments in the chat was supportive of the center column.

Document needs a little polish / spell check and could come back for a vote in January. Could this labeling be used in other species?

FROM PFC (draft): *Vitamin common names for pet food should be addressed by IDC independent of the PFLM project. Information from the qualitative consumer research should be provided to the IDC. Work of the IDC common vitamin name workgroup should be quantitively consumer panel tested preferably at the same time as the PFLM changes.*

11) Discussion Item: Section editor Jacob Feig suggested that the header for animal protein products(APP) and plant protein products (PPP) should be edited to state that all defined ingredients listed in the collective terms APP/PPP should have a minimum crude protein of xx% and have an inclusion rate sufficient to provide a significant source of protein or something along those lines.– Jacob Fleig asked the committee if this is something that should be considered. Leah Wilkinson, AFIA asked if this is existing ingredients or new ones. How is protein calculated?
Look for a formal recommendation at the January meeting.

12) Proposed edit: It pertains to superscript a, below the table, on page 328. I propose that the present text: (Dragan M.)

"aValues given represent ranges for either Type B or Type C Medicated Feeds. For those

drugs that have two range limits, the first set is for Type C and the second enclosed in
brackets is for Type B. The ranges have been assigned in order for the possibility of dilution of Type B Medicated Feeds with lower assay limits to make a Type C Medicated
Feed."

Be replaced by the following text:

"Where values in this table are listed for a drug as a single range (e.g., Amprolium), such values apply to both Type B and Type C medicated feeds containing the drug. Where values for a drug are listed as two ranges (e.g., Bambermycins), the first one (no parenthesis) applies to Type C
medicated feeds containing the drug and the second one (in parenthesis) applies to Type B
medicated feeds containing the drug. The values listed in this table, including the values for drugs in Type A medicated articles, may be found in 21 CFR 558.4."
proposed edit by Dragan M. *The IDC is supportive of this edit but felt it was outside their purview to approve. It was moved that this edit should be referred to the Feed and Feed Ingredient manufacturing committee with a do-pass recommendation. Brett Groves moved, Ken Bowers seconded. Motion passed. Laura Scott will make sure it gets on their January agenda.*

13) Establish workgroup to review use of finished feed vs complete feed in chapter 6 of the OP. CVM will send a report to IDC for January and then run recommendations through relevant investigator. -- Chair

14) Establish workgroup to review sunsetting (withdrawing) procedures for common or usual names in the OP. George F (lead), Leah Wilkinson, Kristi Smedley, By-Laws (Ken B), CVM, Report back recommendations or findings in January. (15 min) – George F.

15) Late agenda add (Meagan Davis) – Workshop at Annual meeting 2021 (Omaha) Topic: All pathways to bring ingredients to market with emphasis on AAFCO process. Includes GRAS notifications that was planned for January 2021. They will be surveying interest to attend and lining up speakers.

16) Ali asked about the human food grade feed term edits -- The topic did make this agenda. – put on January agenda --

Announcements

1) Next Meetings:
   e-meeting January __ 20___ 2021-- Richard Ten Eyck
2) 2021 OP is being edited and will be out late October for a short period in the BIN for proof reading. Please let aafco@aafco.org know now if your contact info needs correction.
3) New Investigators: definitions@aafco.org
   a. Human Food By-Products – Dave Dressler, PA
   b. Feed Terms – Kimberly Truett, WA

Meeting adjourned 1:51 minutes in.

Minutes voted on 11/13/2020 Passed. Members not voting: Mica Alewynse, James Embry, George Ferguson, Mark LeBlanc, Laura Scott, Kelli Younker

Appendix A, IDC meeting 10/1/2020

Recommendation to BOD and membership (details):

Two Additions to Table 101.1:

AGRN (select for detailed record)	Notifier	Substance	Common or Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)
31 (PDF - 208 pages)	Agrivida Inc.	Ground grain obtained from a corn (Zea mays) variety that expresses an altered AC1 beta-gluconase gene obtained from an anvironmental DNA library (transformation event FG259)	Beta-gluconase	To decrease the viscosity of digesta in poultry consuming feeds containing high amounts of soluble non-starch polysaccharides when used to provide 200 – 500 beta-gluconase activity units per Kg of complete feed.	Poultry	7/15/19	FDA has no questions. (PDF- 4 pages)

AGRN (select for detailed record)	Notifier	Substance	Common or Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)
32 (PDF - 105 pages)	Agrivida Inc.	Ground grain obtained from a corn (Zea mays) variety that expresses an altered appA 6-phytase gene obtained from Escherichia coli strain K12 (transformation event PY1203)	Phytase	To increase the digestibility of phytin-bound phosphorus or to increase phosphorous availability from phytate in swine feeds when used to provide 500-4500 phytase activity units (FTY)/Kg complete feed, or poultry feeds when used to provide 250-6000 FTU/Kg complete feed.	Swine & poultry	7/24/19	FDA has no questions. (PDF - 4 pages)