

Ingredient Definitions Committee Report

Meeting 3/2/23

11:30 to 2:30 EST

Recommendations to the Board and Association membership: (language in attachments)

- 1) Publish new feed term **“Finished Feed”**
- 2) Publish a New Tentative Definition: **T9.41 Meat and Bone Meal**
- 3) Sunset **48.13 Corn Gluten Feed** In 2025 from Collective Terms and add new **T48.135 Corn Protein Feed** for 2023
- 4) Sunset **48.14 Corn Gluten Meal** in 2025 from Collective Terms and add new **T48.145 Corn Protein Meal** for 2023
- 5) Publish AGRN 50 **Beta-glucanase** to table 101.1
- 6) Publish AGRN 58 **Alpha-lipoic acid** to table 101.1
- 7) Provide Ingredient Approval/Ingredient Submission Modules on AAFCO LMS at no cost.

IDC Meeting Date:		3/2/2023	
ODI Summary of Changes for OP			
Action	Ingredient Name	Reference	Comments (meeting)
New Name and reference	Barley Protein Concentrate	12.8	Business meeting xx/xx/xx

Recommendations to the Board with no further membership action: (To be considered in April 2023)

- 1) Request software platform to Include SharePoint for CFI Subcommittee
- 2) Request project manager to manage the CFI submissions and resources
- 3.) Set aside money for an August 2023 Investigator training.

Recommendations not needing further Association review:

Editorial Changes

- 1) "Gluten" Clean up Edits in OP are in minutes

Referrals to other AAFCO committees: -none-

Minutes IDC March 2, 2023

Committee Members Attending:

A quorum was present with 30 out of 32 members present including Richard Ten Eyck, Laura Scott, Charlotte Conway (FDA), Ken Bowers, Erin Bubb, Stan Cook, Dave Dressler, James Embry, Ashlee-Rose Ferguson, George Ferguson, Falina Hutchinson, Darrell Johnson, Ali Kashani, Alan Keller, Dan King, Nathan Price, David Snell, Jennifer Kormos, Trish Dunn, Bailey Whiten, Kent Kitade, KC Gutenberger, Bernadette Mundo, JoLynn Otero, Katie Simpson, Mark LeBlanc, Shannon Jordre, Ashley Shaw, Tom Phillips, Maggie Faba

Absent: Josh Arbaugh, Cory Skier

1) Ingredient Submission Workshop Final thoughts, Meagan Davis

- Meagan provided the final recap of the workshop in San Antonio, TX, thanked presenters, panel participants and planners. Reminded that March was planned to start advertising in media outlets for the online ingredient approval modules in the AAFCO LMS. Face to Face follow up with industry participants to glean more feedback on the workshop material and modules. Dates will be determined and shared. Asked if there was any trouble finding the online modules. No comments.

2) Reviewed minutes from January 2023 meeting

Motion to accept Jan 18th, 19th IDC meeting minutes by Falina Hutchinson, Ashlee-Rose Ferguson seconds. **Motion carries.**

3) "Finished Feed" Publish new feed term - Ali Kashani and Cynthia Scholte

Motion to accept new feed term by Ali Kashani, Ken Bowers seconds. **Motion carries**

Discussion revealed there is some confusion between Finished Feed and Complete Feed. This may need to be clarified to ensure the terms are used correctly. Work group did not want to continue work on this feed term as they felt it would not change their definition proposal.

4) T9.41 Meat and Bone Meal in Section 9, Animal Products, replace the current ingredient definition in the Official Publication of AAFCO - Stan Cook

Motion to accept tentative definition by James Emery, Falina Hutchinson seconds. **Motion Carries**

Discussion confirmed the changes to the definition were the removal of phosphorus guarantee of 4% minimum, the calcium to phosphorus ratio and crude fiber %.

5) Gluten Clean up Edits - Dan King

Motion to accept edits by Dan King, Falina Hutchinson seconds. **Motion Carries**
(These edits will be made In Spring 2023 OP edition)

Discussion revealed the corn protein edit In Type A medicated article should be *corn protein feed*. Enzymes/Source Organisms edit Is changed to *corn protein feed*. Motion amended to include corrections.

Question was posed, since corn gluten feed is a common ingredient in pet food, is this relevant in pet food? Answer was provided that since pet food is not medicated these edits are not relative to pet food.

6) Need an ODI entry for **12.8 Barley Protein Concentrate** - Dan King

Motion to accept ODI entry for 12.8 Barley Protein Concentrate by Richard TenEyck, Dan Kings seconds. **Motion carries**

7) Collective Term gluten update - Falina Hutchinson

Corn Gluten Feed and Corn Gluten Meal be replaced in section 22, Collective Terms, with *Corn Protein Feed* and *Corn Protein Meal*, respectively.

Motion to accept by Falina Hutchinson, David Snell seconds. **Motion Carries**

Discussion revealed the two names in Collective Terms should be sunset to correspond with sunset date of ingredient names in 2025 Official Publication. Motion was amended to add sunset date to Section 22, Collective Terms.

8) Publish AGRN 50 to table 101 **Beta-glucanase** -Nathan Price

Motion to accept by Nathan Price, second Richard TenEyck. **Motion Carries**

9) Publish AGRN 58 **Alpha-lipoic acid** to table 101.1 - Nathan Price

Motion to accept by Nathan Price, second Richard TenEyck. **Motion Carries**

After the vote, discussion was had on changing the policy/protocol for accepting GRAS once the FDA "no questions" letter is published. Investigator did not want to stand up a workgroup to determine what could be amended. Nathan Price will inform the committee in August with possible actions to take.

- 8) Co-Chairs proposal on Ingredient training access – Erin
Provide Ingredient Approval/Ingredient Submission Modules on AAFCO LMS at no cost
Motion to accept by Dan King, second by Mark LeBlanc. **Motion Carries**
"Committee Recommends sending to finance committee and Board of Directors to Provide Ingredient definition process and Ingredient submission modules, currently on the AAFCO LMS, be provided at no cost."

Editorial Changes:

"Gluten" Clean up Edits in Official Publication:

(p 362) **Type A medicated article** is intended solely for use in the manufacture of another Type A medicated article or a Type B or Type C medicated feed. It consists of a new animal drug(s), with or without carrier (e.g., calcium carbonate, rice hull, corn ~~gluten~~ **protein feed**) with or without active ingredients. The manufacture of a Type A medicated article requires an application approved under 21 CFR 514.105.

(p 387) **Enzymes/Source Organisms Acceptable for Use in Animal Feeds...Typical Substrate:**

Corn silage, corn, corn feed meal, corn ~~gluten~~ **protein feed**, soybean meal, wheat, wheat middlings, barley, grain sorghum, pea, oat, tapioca, millet, rice

(p 500) **87.124 Corn Endosperm Oil**-The color additive, corn endosperm oil, may be safely used in the manufacture of chicken feed in accordance with the following prescribed conditions:

(a) Identity.

- 1) The color additive corn endosperm oil is a reddish-brown liquid composed chiefly of glycerides, fatty acids, sitosterols, and carotenoid pigments obtained by isopropyl alcohol and hexane extraction from the ~~gluten~~ **protein** fraction of yellow corn grain. The definition of corn endosperm oil in this paragraph is for the purpose of a color additive only and shall not be construed as a food standard of identity under section 401 of the Food, Drug and Cosmetic Act.

Informational Updates

- 9) Common Food Index Portal, CFI Subcommittee



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- a) Software needs - request to purchase one year subscription of Software platform to include SharePoint site for the CFI subcommittee to maintain the process flow. Motion to accept by Ken Bowers, second Richard TenEyck. **Motion Carries**
- b) Project Manager- Recommends a project manager to manage the CFI for continued progress. Motion to accept by Dave Dressler, second by Richard TenEyck. **Motion Carries**
- c) 2023 Annual meeting the CFI subcommittee will provide first recommended Items.
- d) CFI will not accept any outside submissions for review until software for the submissions is available and accessible.

Motion to accept Subcommittee report by Richard TenEyck, second by Dave Dressler. **Motion Carries**

10) Report on FDA listening session on AAFCO process 2/9 – Charlotte Conway
Docket: <https://www.regulations.gov/docket/FDA-2022-N-3122>
Transcript and recording will be available soon. Comments accepted until 3/9/2023

11) Removal of chapter 7 from OP - Austin Therrell

- a) Send comments to aafco@aafco.org
Reminder that AAFCO Is seeking comment from stakeholders. Will be accepting feedback through March

12) How are you currently using the Feed BIN at the committee level? - Erin Bubb

- a) Send comments to definitions@aafco.org will help with RFP for new collaboration space.

13) Are there things that IDC would like that are not available in the Feed BIN? – George Ferguson. ODI and OP are not changing

- a) Send comments to aafco@aafco.org

14) MBRC sending Spent Bleaching Clay as possible feed term or included in existing oilseed definitions. (5) – Establish Workgroup (Bernie, Ali, Katie, Falina) Charge: To develop recommendation language to *remove SBC from SUIP #6 for placement in Chapter 6, as Terms and/or Definitions*. **WG is pending MBRC action In August. Will revisit in August. WG to monitor MBRC discussions on SBC.**

15) Hemp update - Falina Hutchinson

No new updates

- 16) Fluorine levels in model bill workgroup report– Tom/Jennifer/Ken
Brief update shared the WG has met, focused on analytical methods that are available to detect fluorine and fluoride in animal feed. Most methods are based on AOAC method 975.08- one of two reference methods listed In the AAFCO method code list. These detect fluoride but reported as fluorine. Minimal difference between fluoride and fluorine but expressed/reported interchangeably. Methods detect fluoride. More discussion and work needed by this work group.
- 17) IDC requests for 2023-24 Budget - Richard / Erin
See attachment. Will be submitted to BOD
- 18) AAFCO LMS Offerings (5) George Ferguson
<https://aafcolms.digitalchalk.com/learn/animal-feed-ingredient-submission-course-1>
Access for those that already purchased the modules will continue. It may be easier that we create new offerings if these modules do become free.
- 19) Cricket industry Presentation (20) -Mohammed Ashour, Aspire
- 20) Adjourn 2:30 EST

Announcements

- A. Next Meetings: Annual Meeting in-person August 1 & 2, 2023 Industry Topic- Recovered Food Waste
- B. New Investigators Needed:
- a. Amino Acids
 - b. Collective Terms – Falina Hutchinson
 - c. Fermentation Products
 - d. DFM
 - e. Special Purpose Products
 - f. Preservatives
- C. **Stale Ingredients:** The following are being removed from consideration as definition requests. Please submit a new request if still desired.
- D. Parking Lot topics:

- a. Fish Definition - Justin Hill
- b. NANP Subcommittee report –have not met -Ashley Shaw /KC/AI
- c. 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 quantitatively consumer panel tested preferably at the same time as the PFLM changes. **NEED UPDATE, Review PFC is about to accept language***
- d. Pursue formal MSBC Definition. **Nothing in motion**
- e. ~~Fluorine levels in model bill. Tom Phillips (lab) and Jennifer Kormos (IDC) and FIFM (Ken Bowers) form a workgroup to look at impact of testing and definitions parse out questions for the appropriate committees concerning Flourine vs fluoride.~~
*(975.08 AOAC method for fluorine. There are challenges in the methods in animal food and lab capacity. Do we need to send a methods request to LMC? Should Fluorine (gas) be changed to Fluoride in the feed law? (Stan) IDC should look at mineral definitions that have fluorine specifications. May also be in CFR definitions) **Workgroup is formed***
- f. New feed term *Total Mixed Ration, Raw, Fresh, Pasteurized*. **Ali Kashani**
- g. Proper use of process terms presentation. **Ali Kashani and WG**
- h. MBRC will be requesting new feed terms for Ash, Acid insoluble ash, air ashed and sulfated ash. – Ali
- i. SBC WG
- j. MBRC sending feed term “rawhide (part) - Ali
- k. Technology Committee Chair/ODI - Replace Jacob (short term, George)
Training with investigators on what to do with the ODI entries.

Attachments:

A. Finished Feed. A product which has undergone all the feed manufacturer’s intended manufacturing processes prior to entering into commerce. Some types of finished feed may be:

- 1) Fed directly to animals, such as complete feeds, supplement feeds, and Type C medicated feeds; or
- 2) Intended only for further manufacture of feed, such as premixes.

B. T9.41 Meat and Bone Meal is the rendered product from mammal tissues, including bones, exclusive of any added blood, hair, hoof, horn, hide trimmings, manure, stomach and rumen contents, except in such amounts as may occur unavoidably in good processing practices. It shall not contain extraneous materials not provided for in this definition. It is a source of protein in animal diets. It shall not contain more than 12% Pepsin indigestible residue** and not more than 9% of the crude protein in the product shall be pepsin indigestible**. The label shall include guarantees for minimum crude protein, minimum crude fat, minimum Phosphorus (P) and minimum and maximum



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Calcium (Ca). If the product bears a name descriptive of its kind, composition or origin, it must correspond thereto.

C. It is recommended **48.13 Corn Gluten Feed** sunset in 2025 OP and **T48.135 Corn Protein Feed** be added for 2023.

It is also recommended **48.14 Corn Gluten Meal** sunset in 2025 OP and **T48.145 Corn Protein Meal** be added for 2023.

This is in accordance with the changes being made in Section 48 for these two ingredients.

For page XXX:

22.5 Processed Grain By-Products may include one or more of the following:

60.43 Aspirated Grain Fractions

15.1 Brewers Dried Grains

60.6 Buckwheat Middlings

27.7 Condensed Distillers Solubles

48.24 Condensed Fermented Corn Extractives 48.2 Corn Bran

48.8 Corn Flour

48.22, 48.23 Corn Germ Meal

48.13 Corn Gluten Feed (**remove 2025**)

48.14 Corn Gluten Meal (**remove 2025**)

T48.135 Corn Protein Feed

T48.145 Corn Protein Meal

48.7 Corn Grits

27.5 _____ Distillers Dried Grains

27.6 _____ Distillers Dried Grains with Solubles

27.4 _____ Distillers Dried Solubles

42.4 Grain Sorghum Germ Meal 42.7 Grain Sorghum Grits

48.16, 48.26 Hominy Feed 15.2 Malt Sprouts

69.1 Oat Groats

69.3 Oat Meal, Feeding

42.10 Grain Sorghum Mill Feed 71.21 Peanut Skins

75.3, 75.7 Rice Bran
 75.1 Rice Polishings
 78.2 Rye Middlings
 42.8 Sorghum Grain Flour, Gelatinized
 42.9 Sorghum Grain Flour, Partially Aspirated 93.1 Wheat Bran

93.2 Wheat Flour
 93.6 Wheat Shorts
 93.3 Wheat Germ Meal
 93.8 Wheat Germ Meal, Defatted

93.5 Wheat Middlings 93.4 Wheat Mill Run 93.7 Wheat Red Dog

D.

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)
50 (PDF - 50 pages)	Agrivida, Inc.	Ground grain obtained from a corn (zea mays) variety that expresses an altered AC1 beta-glucanase gene obtained from an environmental DNA library (transformation event FG259)	Beta-glucanase	Utility information not evaluated for GRAS, see FDA's letter for more information.	Swine	10/25/21	FDA has no questions. (PDF - 4 pages)

E.

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)
58 (PDF - 83 pages)	Hill's Pet Nutrition Inc.	Alpha-Lipoic Acid	Alpha-lipoic acid	Utility information not evaluated for GRAS, see FDA's letter for more information.	Adult dogs (non-gestating and non-lactating)	5/2/22	FDA has no questions. (PDF - 3 pages)



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F. Budget Proposal



BUDGET REQUEST FORM

Committee Name Ingredient Definitions

Chair(s) Erin Bubb, Richard Ten Eyck

DATE

3/9/23

PREPARED BY:

Enter Preparer's name in this cell

PROJECT DESCRIPTION

Enter Project Description in this cell

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	software to organize common food index	\$1,500.00	\$1,500.00
1	Project manager for common food index, structure with max dollar RFP	\$28,000.00	\$28,000.00
1	Investigator Training in person August 2023, more details to follow in event planning format	\$30,000.00	\$30,000.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00

Committee approved with majority vote of 16 members recording "aye" by 3/24/23
 Members not voting: Laura Scott, Josh Arbaugh, Stan Cook, Maggie Faba, Katie Simpson, Jo Otero, Nathan Price, Cory Skier, David Snell, Kimberly Truett, Bernadette Mundo, Bailey Whiten, Trish Dunn