



AAFCO
Association of American Feed Control Officials

Business Meeting Minutes
2024 AAFCO Annual Meeting
Hyatt Regency San Antonio, San Antonio, TX
Wednesday, August 7, 2024
8:30 am–9:45 am (CT)

1. **Meeting Called to Order 8:33am CT**

2. **Acknowledgement of Awards:** Josh Arbaugh, President

- Distinguished Service Award
- Presidential Award
- Appreciation Awards

3. **Roll Call** – Ashlee-Rose Ferguson, Secretary – Treasurer

4. **Resolutions** – Josh Arbaugh, President, and Laura Scott, President-Elect

Introduction

Voting:

- 1) [2024-001](#) – Recognition of AFIC Ingredients (Attachment #1)

Board Recommends Acceptance. Dan King moves, Ashlee-Rose Ferguson Seconds, Resolution Carries.

- 2) [2024-002](#) – Establishing a new AAFCO IDC Process (Attachment #2)

Board Recommends Acceptance. Dan King moves, George Ferguson Seconds, Resolution Carries.

5. **Acceptance of Committee Reports From:** Finance, Current Issues and Outreach, Education and Training, Feed and Feed Ingredient Manufacturing, Ingredient Definition, Inspection and Sampling, Laboratory Methods and Services, Proficiency Testing Program, Strategic Affairs, Pet Food Committee, Model Bill & Regulations, Enforcement Issues, Finance Committee Minutes (4/9 and 4/26), Pet Food Committee E-Meeting and Ingredient Definition Committee E-Meeting (4/18) – Josh Arbaugh, President, and Laura Scott, President-Elect

(All open committee reports are published on the AAFCO website on the 2024 Annual Meeting page, right side, under the heading “Committee Reports.”)

Board recommends acceptance. Dan King moves to accept committee reports. Falina Hutchinson Seconds. Motion Carries.

6. **Acceptance of Committee Recommendations:** Josh Arbaugh, President, and Laura Scott, President-Elect

a. **Ingredient Definition Committee Recommendations:**

- IDC recommends a new official definition 73.027 Calcium Formate

73.027 The food additive calcium formate may be safely used in the manufacture of complete swine and poultry feeds in accordance with the following prescribed conditions: (a) The additive is manufactured by the reaction of butyraldehyde, formaldehyde, calcium hydroxide, and formic acid in water followed by purification and dried to produce a powder consisting of not less than 99.0 percent calcium formate (CAS 544-17-2). The additive meets the following specifications: (1) The additive consists of minimum 30.5 percent calcium and minimum 68.5 percent formate. (2) Trimethylolpropane (TMP) not to exceed 125 parts per million. (b) The additive is used or intended for use as a feed acidifying agent, to lower the pH, in complete swine or poultry feeds at levels not to exceed 1.2 percent of the complete feed. (c) To ensure safe use of the additive, formic acid and formate salts from all added sources cannot exceed 1.2 percent of complete feed when multiple sources of formic acid and its salts are used in combination. (d) To assure safe use of the additive, in addition to the other information required by the Federal Food, Drug, and Cosmetic Act (the act), the label and labeling shall contain: (1) The name of the additive. (2) Adequate directions for use including a statement that calcium formate must be uniformly applied and thoroughly mixed into complete feeds and that the complete feeds so treated shall be labeled as containing calcium formate. (3) Cautions for use including this statement: Caution: Follow label directions. Formic acid and formate salts from all added sources cannot exceed 1.2 percent of complete feed when multiple sources of formic acid and its salts are used in combination. (e) To assure safe use of the additive, in addition to the other information required by the act and paragraph (d) of this section, the label and labeling shall contain: (1) Appropriate warnings and safety precautions concerning calcium formate. (2) Statements identifying calcium formate as a possible severe irritant. (3) Information about emergency aid in case of accidental exposure as follows. (i) Statements reflecting requirements of applicable sections of the Superfund Amendments and Reauthorization Act (SARA), and the Occupational Safety and Health Administration's (OSHA) human safety guidance regulations. (ii) Contact address and telephone number for reporting adverse reactions or to request a copy of the Safety Data Sheet (SDS). 21 CFR 573.230 (Proposed XXXX)

If approved, next steps would include:

- Remove T57.152 Calcium Formate from Withdrawn Ingredients on page 530 of the 2024 OP.

Board Recommends Acceptance. Dan King moves, George Ferguson Seconds, Motion Carries.

- IDC recommends adding a New Tentative Definition T71.5 Hemp Seed Meal, Mechanically Extracted

T71.5 Hemp Seed Meal, Mechanical Extracted is the product obtained by grinding or milling the cake, which remains after most of the oil is removed from the seeds of *Cannabis sativa* L. by a mechanical extraction process. The ingredient must be labeled with guarantees for minimum crude protein and maximum crude fat on an as-fed basis. The meal shall contain no more than 20 ppm of total cannabidiol (Total CBD = CBD + (CBDA x 0.877)) and no more than 2 ppm of total tetrahydrocannabinol (Total THC = delta-9-THC + (THCA x 0.877)). It is used in diets of laying hens as a source of protein and fat at an inclusion of no more than 20% of the diet.

Board Recommends Acceptance. Dan King moves, Falina Hutchinson Seconds, Motion Carries.

- IDC recommends adding a New Tentative Definition T51.18 Deboned Fish Protein

T51.18 Deboned Fish Protein is the clean, dried, ground tissue of undecomposed and deboned fish

cuttings, with mechanical extraction of part of the oil and exclusion of stick water. It must contain, and be guaranteed for, not less than 75.0% crude protein, not more than 5.5% ash, not more than 1.5% salt, and not more than 10.0% moisture. It is for use in animal feed as a source of protein consistent with good feeding practices. If it bears a name descriptive of its kind, it must correspond thereto.

Board Recommends Acceptance. Dan King moves, George Ferguson Seconds, Motion Carries.

- IDC recommends Moving T9.41 Meat and Bone Meal to OFFICAL

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

~~Note: ** Determined by AOAC method listed in the Check Sample Reference for Analytical Variation~~

*If passed: Editorial to page 376 of the 2024 OP- Move the “** Determined by AOAC method utilized by the AAFCO Proficiency Testing Program for Analytical Variations” statement to page 370 to be placed immediately under the first paragraph of Animal Products Section.*

Board Recommends Acceptance. Dan King moves, Cody Walls Seconds, Motion Carries.

- IDC recommends a New Tentative Definition T60.117 Dried Black Soldier Fly Larvae

T60.117 Dried Black Soldier Fly Larvae is the dried larvae of the black soldier fly, *Hermetia illucens*, with or without mechanical extraction of part of the oil, that has been raised on feed stock composed exclusively of feed grade materials. The ingredient must be labeled with guarantees for minimum crude protein and minimum crude fat on an as-fed basis. If oil is mechanically extracted, maximum crude fat must also be guaranteed on the ingredient label. The ingredient is dried by artificial means to no more than 10% moisture. It is for use in salmonid, poultry, and swine feed, and in adult dog and adult cat food, as a source of protein and fat consistent with good feeding practices.

Board Recommends Acceptance. Dan King moves, Jo Lynn Otero Seconds, Motion Carries.

- IDC recommends adding Corn Protein Feed and Corn Protein Meal to 22.5 Processed Grain Products in Collective Terms

Board Recommends Acceptance. Dan King moves, Trish Dunn Seconds, Motion Carries.

- IDC recommends adding AGRN 61 to Table 101.1 – Phytase enzyme produced by *Pseudomonas fluorescens* strain BD50104 expressing an altered appA 6-phytase gene from *Escherichia coli* strain K12

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)
61	BASF Enzymes LLC	Phytase enzyme produced by Pseudomonas fluorescens strain BD50104 expressing an altered appA 6- phytase gene from Escherichia coli strain K12	Phytase	To increase the availability of phytin-bound phosphorus in swine diets at 500- 2,000 U/kg in complete feed	Swine	2/10/23	FDA has no questions. (PDF - 4 pages)

Board Recommends Acceptance. Dan King moves, Nathan Price Seconds, Motion Carries.

- IDC recommends to Include New Color Additive to Special Purpose Products, 87.165 Antarctic Krill Meal. (CFR regulation Intended use is in salmonid feed to enhance the pink to orange-red color of the flesh of salmonid fish, 21 CFR 73.32)

Special Purpose Products- 87.165
Antarctic Krill Meal

(a) Identity.

- (1) The color additive Antarctic krill meal consists of the cooked, dried, and ground biomass of whole *Euphausia superba* (Antarctic krill), with or without removal of the lipid fraction. The lipid fraction may be fully or partially extracted with ethanol, followed by removal of residual ethanol, to produce defatted Antarctic krill meal. Whole Antarctic krill meal, produced when the lipid fraction is not removed, may contain ethoxyquin as a preservative.
- (2) Color additive mixtures for fish feed use made with Antarctic krill meal may contain only those diluents that are suitable and are listed in this subpart as safe for use in color additive mixtures for coloring foods.

(b) Specifications. Antarctic krill meal must conform to the following specifications and must be free from impurities, other than those named, to the extent that such other impurities may be avoided by good manufacturing practice:

- (1) Physical state, solid.
- (2) Ethoxyquin, not more than 250 milligrams per kilogram (mg/kg) (250 parts per million (ppm)) in whole Antarctic krill meal.
- (3) Lead, not more than 2 mg/kg (2 ppm).
- (4) Arsenic, not more than 5 mg/kg (5 ppm).
- (5) Mercury, not more than 1 mg/kg (1 ppm).
- (6) Cadmium, not more than 2 mg/kg (2 ppm).
- (7) Fluoride, not more than 2,500 mg/kg (2,500 ppm).
- (8) Astaxanthin, not more than 170 mg/kg (170 ppm) in whole Antarctic krill meal; not more than 90 mg/kg (90 ppm) in defatted Antarctic krill meal.

- (c) Uses and restrictions. Antarctic krill meal may be safely used in salmonid feed in accordance with the following prescribed conditions: (1) The color additive is used to enhance the pink to orange-red color of the flesh of salmonid fish;
 - (2) The color additive may be used at levels not to exceed 4 percent by weight in freshwater salmonid feed and 12 percent by weight in marine salmonid feed;
 - (3) The quantity of the color additive incorporated in the feed is such that the finished feed meets the tolerance limitation for ethoxyquin in animal feed prescribed in part 573.380 of Title 21 of the Code of Federal Regulations (21 CFR 573.380); and
 - (4) The quantity of astaxanthin in the finished feed, from Antarctic krill meal when used alone or in combination with other astaxanthin color additive sources listed in this part, must not exceed 80 mg/kg astaxanthin (72 grams per ton) in the finished feed.
- (d) Labeling requirements.
- (1) The labeling of the color additive and any premixes prepared therefrom must bear expiration dates for the sealed and open container (established through generally accepted stability testing methods), other information required by 21 CFR 70.25, a statement of the concentration of ethoxyquin contained therein (whole Antarctic krill meal only), and adequate directions to prepare a final product complying with the limitations prescribed in paragraph (c) of this section. (2) The presence of the color additive in finished fish feed prepared according to paragraph (c) of this section must be declared in accordance with 21 CFR 501.4.
 - (3) The presence of the color additive in salmonid fish that have been fed feeds containing Antarctic krill meal must be declared in accordance with 21 CFR 101.22(b), (c), and (k)(2) and 101.100(a)(2).
- (e) Exemption from certification. Certification of this color additive is not necessary for the protection of the public health, and therefore batches thereof are exempt from the certification requirements of section 721(c) of the Federal Food, Drug, and Cosmetic Act.

21 CFR 73.32 (Published 2022)

Board Recommends Acceptance. Dan King moves, Katelynn LeClair Seconds, Motion Carries.

7. The Nominating Committee recommends the following slate of BOD effective after Midyear 2025.

President: Laura Scott, CAN
President Elect: Dan King, MN
Secretary Treasurer: Ashlee-Rose Ferguson, WA
Director: Bailey Whiten, GA
Director: Kate Nelson, CT
Director: Trish Dunn, IN
Director: David Husner, PA
Director: Rebecca Moseley, AL
Immediate Past President: Josh Arbaugh, WV

Board Recommends Acceptance. Dan King moves. Nathan Price Seconds. Motion Carries

This concludes committee and board recommendations needing membership approval.

- 8. Credential Report: FASS**
Number of voting states represented: 43
Number of members present: 121
Number of countries: 6
Number of FDA representatives: 28
Number of life members: 7
Total meeting attendance: 430
 In-Person: 359
 Zoom: 71
- 9. Meeting Concluded at 9:09am CT.**