



Final 6/27/18

AAFCO Ingredient Definitions Committee Report
Meeting by Webinar 4/19/18

Recommendations to the Board and Association membership:

When needed, new text is presented in the committee minutes.

1) Move the Enzyme Marketing Coordination document from chapter 5 to chapter 6 and place after Table 30.1

2) Add 2 Carbohydrases to Table 30.1

Beta-Glucanase	<i>Talaromyces versatilis</i> overexpressing glucanase
Xylanase	<i>Talaromyces versatilis</i> overexpressing xylanase

3) Publish an Official definition for 73.046 **Silicon Dioxide** to reflect the FDA food additive regulation 21 CFR 573.940.

4) Add AAFCO Definitions 84.62, 84.16, 84.63, 84.64, & 84.71 to the collective term Plant Protein in the OP.

5) Add L-Glutamine the subject of AGRN 19 to GRAS Notification table in section 101.

6) Add phytase the subject of AGRN 21 to GRAS Notification table in section 101.

Board Action:

To be considered in June 2018

Association Action:

To be considered in July 2018

Editorial changes NOT needing Association consideration:

- 1.) Update header of section 30.

Ingredient Definitions Committee Minutes 4/19/18

Technical note: The software used for the webinar unexpectedly restricted attendance to 100 people. A committee quorum was present. The committee and the AAFCO executive board agreed to proceed with the meeting. The meeting was recorded and the recording is posted in the BIN / Ingredient Definitions library. Topics for discussion were postponed to a later webinar to allow for additional people to join.

1) Role Call of Committee members present (quorum was 21 out of 25 committee members)
Richard Ten Eyck, Mika Alewynse, Erin Bubb, Brett Boswell, Ken Bowers, Bob Church, Charlotte Conway, Stan Cook, David Dressler, James Embry, George Ferguson, Jacob Fleig, Steve Gramlich, Ali Kashani, Dan King, Kent Kitade, Jennifer Kormos, Mark Le Blanc, Dave Phillips, Nathan Price, Laura Scott

2) Investigator recommendations to move tentative to official

a.) None

3) New Definitions, deletions & edits

a) New Feed Term "**Livestock**" – (placeholder take up in August 2018) Ali

b) New Feed Term "**Common and Usual**" – Ali Jacob/Steve move to accept.
Motion was withdrawn after discussion.

Work Group will continue to work on the term and revisit at the August meeting.

Dave Dzanis stated that everything seems to be taken out of 502.5 except for the part about "if constituent is removed...". Dave Dzanis wondered how this lines up with what AAFCO has done previously. Charlotte Conway replied that the work group was trying to address, for example, moisture can be removed without needing a new definition like dried corn, but if juice is removed from fruit then fruit pomace would need a new definition. Dave Dzanis said that it appears to be an option if a new definition is needed or not. Charlotte Conway thought that Dave Dzanis had is a fair point and thought that the "if constituent is removed..." portion could be problematic on multiple fronts Charlette Conway suggested that the work group should work on term further. Ali Kashani agreed.

Participants also voice opinion through the chat box. "kakarry" echoed Dave Dzanis' point regarding fruit pomace. "Tpettec" raised the concern that the term has only been posted on the Feed BIN for two weeks.

c) Section 30 header edits (**enzymes**) (placeholder) doesn't go to the board



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Ken Bowers moves to ACCEPT the editorial change to the Section 30 header. Jacob Fleig seconds. MOTION PASSES.

This is an editorial change to the Section 30 header. The proposed changes are to aid in enzyme ingredient naming and refers to the Enzyme Marketing Coordination document following Table 30.1. Emily Helmes stated that the Enzyme Technical Association (ETA) supports this change, since it will clarify how enzymes are named. Mika Alewynse requested that before this is published in the OP that the italics are removed from the source organism (*aspergillus niger*) in the ingredient name.

- d) Move Enzyme Marketing Coordination Document to chapter 6 (board rejected and asked Why it can't stay where it is?) Tamzin (see response document) Erin Bubb moves to ACCEPT moving the Enzyme Marketing Coordination document after Table 30.1. Mika Alewynse seconds. MOTION PASSES.

Tamzin Gonzales stated that the intent for move is to consolidate information for Regulators and for Industry. She also stated that this would be a similar structure to the Guide for New Ingredient Definitions. This move was proposed one year ago. The Board asked why couldn't it stay where it is. Tazmin Gonzales said that the move would consolidate all the information available on enzymes instead of it being piecemealed. Emily Helmes stated that ETA supports this move and agrees it will be less confusing for both Regulators and Industry. Erin Bubb feels that she has enough information to communicate with the Board.

~~e) T57.xx Manganese Hydroxychloride (placeholder) Jennifer~~

- f) 73.046 21 CFR update on 573.940 **Silicon Dioxide** -CVM
Jacob moves to ACCEPT. Ken Bowers seconds. MOTION PASSES.
Dave Edwards CFR listing has been updated to include a new use. Kristi Smedley supports this change. Dave Edward Piperazine is a catch up.

- g) 84.62, 84.16, 84.63, 84.64, & 84.71 add to Plant Proteins Collective Term
-- Jacob Fleig
Jacob Fleig moves to ACCEPT the addition of 84.62, 84.16, 84.63, 84.64, & 84.71 to the collective term Plant Protein. Bob Church seconds. MOTION PASSES.

Lorraine Gershman from NOPA supports this motion

- ~~h) 84.51 Soy Flour (fiber change) (placeholder) Bob Church
Tabled~~



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- i) AGRN 19 Add to section 101 – Nathan
Nathan Price moves to ACCEPT the addition of AGRN 19 to Table 101.1. Ali Kashni seconds. MOTION PASSES.
Dave Edwards stated that the FDA website was updated in regards to AGRN 19. The “Substance” was changed to L-Glutamine. Dave Edwards will to send the updated document to Richard Ten Eyck.
- j) AGRN 21 Add to section 101 – Nathan
Nathan Price moves to ACCEPT the addition of AGRN 21 (phytase) to Table 101.1. Steve Gramlich seconds. MOTION PASSES.
- k) Table 30.1 add to Carbohydrases (Mika/Tazmin)

Beta-Glucanase	<i>Talaromyces versatilis</i> overexpressing glucanase
Xyloanase	<i>Talaromyces versatilis</i> overexpressing xylanase

Nathan Price moves to ACCEPT the new xylanase definition. Mika Alewynse seconds. MOTION PASSES.

Nathan Price moves to ACCEPT the new beta-glucanase definition. Mika Alewynse seconds. MOTION PASSES.

Please note that the spelling of glucanase needs to be correct in the second line of the investigator report.

7) Work Group Reports

- a) GRAS verification workgroup report – Emily Helmes (Tabled)
Will give update in June
- b) DFM Nomenclature Changes workgroup – Tazmin?/Mika (Tabled)
Meeting is scheduled for May 3rd.

- c) Negative List Workgroup – Kent Kitade (lead) (Tabled)
Have not met yet and has nothing to report yet

WG members: Kent Kitade (Lead), Cathy Alinovi, Dave Phillips, Leah Wilkinson, Kristi Smedley, Erin Bubb, Betty McPhee, Molly Morrissett, Kristen Green

- d) Confusing Pet Ingredient Food Names Workgroup – Brett Boswell (lead) (Tabled)
Have not met yet.

- e) Guidelines For Requesting Definitions – Kristi Smedley (Tabled)

5) Discussions:



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- a) Use of “Buffalo” on Labels – Brett Boswell (Tabled until June 7 webinar)
- b) Does the **Tentative** process need to be applied to every ingredient? (Tabled)
- c) **Hemp** Update – Bob C. & Brett B., Scott Z. (Tabled)
- d) Status on high profile ingredients (if needed) – Richard / CVM (Tabled)
- e) Discussion of common human foods in pet food (placeholder) (Tabled)
- f) Any activities needing 18-19 Association funding? (Tabled)
- g) Set Webinar **meeting dates** for 2018
Richard Ten Eyck proposed another webinar at the end of June 7, 2018 11:30AM Pacific Time to discuss the Work Group Reports and the Discussion items. This will be an informal meeting. Link
<https://zoom.us/j/823407767> ; 1 646 876 9923 ; Meeting ID# 823 407 767
- h) Next IDC meeting in Ft. Lauderdale 7/31 2018

Meeting Adjourned.

Minutes approved 6/27/2018 with 14 Affirmative votes.

Text for recommendations begins on the next page.

Text for recommendations on 4/19/18 IDC meeting.

AGRN (select for detailed record)	Notifier	Substance	Common and Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)
19 (PDF - 123 pages)	Freedom Health L.L.C.	L- Glutamine	L- Glutamine	Utility information not evaluated for GRAS, see FDA's letter for more information.	Post- weaning horses.	3/22/2016	FDA has no questions. (PDF - 3 pages)

AGRN (select for detailed record)	Notifier	Substance	Common and Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)
21 (PDF - 598 pages)	Agrivida, Inc.	Ground grain obtained from a corn (<i>Zea mays</i>) variety that expresses an altered appA 6- phytase gene obtained from <i>Escherichia coli</i> strain K12	Phytase	To increase the digestibility of phytin-bound phosphorous or to increase phosphorous availability from phytate in poultry feeds when used at a rate of 75 g to 1.7 kg per ton of complete feed and providing 250-6000 phytase units (FTU)/kg complete feed.	Poultry	7/28/2016	FDA has no questions. (PDF - 4 pages)

Add as Official:

73.046 Silicon dioxide

The food additive silicon dioxide may be safely used in animal feed in accordance with the following conditions:

- (a) The food additive is manufactured by vapor phase hydrolysis or by other means whereby the particle size is such as to accomplish the intended effect.



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(b) It is used or intended for use in feed components as an anticaking agent, and/or grinding aid, as follows:

Feed component	Limitations (percent)
BHT (butylated hydroxytoluene)	2
Methionine hydroxy analog and its calcium salts	1
Piperazine, piperazine salts	0.8
Sodium propionate	1
Urea	1
Vitamins ^a	3

(c) It is used in feed as an anticaking agent in an amount not to exceed that reasonably required to accomplish its intended effect and in no case in an amount to exceed 2 percent by weight of the finished feed.

d) It is used or intended for use in feed components, as a carrier as follows:

<u>Feed component</u>	<u>Limitations (percent)</u>
Flavors	50

e) To assure safe use of the additive, silicon dioxide is to be used in an amount not to exceed that reasonably required to accomplish its intended effect, and silicon dioxide from all sources cannot exceed 2 percent by weight of the complete feed.

21 CFR 573.940 (Proposed 1964, Adopted 1965, Amended 2008, Adopted 2010, xxx 2018)

^aSilicon dioxide may be mixed with Vitamin E at levels up to 50%, to produce Vitamin E Supplement for addition to animal feed. Where silicon dioxide is used as a dispersant and/or flow agent to assist with uniform and consistent distribution of the vitamin E supplements in animal feed, silicon dioxide should be declared on the ingredient list of the vitamin E supplement.