

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

CALIFORNIA CODE OF REGULATIONS TITLE 3. FOOD AND AGRICULTURE DIVISION 4. PLANT INDUSTRY CHAPTER 2. FIELD CROPS SUBCHAPTER 2. COMMERCIAL FEED

INITIAL STATEMENT OF REASONS

The Department's Commercial Feed Regulatory Program (CFRP) is responsible for the enforcement of California state law and regulations pertaining to the manufacturing, distribution and labeling of commercial livestock feed while preventing adulterated feed from being consumed by livestock. Inspectors and investigators located throughout the state conduct routine feed sampling and inspections, quality assurance inspections of feed manufacturing facilities, respond to consumer complaints, and enforce the laws and regulations that govern the manufacturing, distribution, and labeling of commercial feed. The work of the CFRP helps to ensure a clean and wholesome supply of milk and meat, as well as providing assurance that the product received by the consumer is the quality and quantity purported by the manufacturer.

SECTIONS AFFECTED

California Code of Regulations Title 3 (3 CCR), Division 4, Chapter 2, Subchapter 2, Articles 1, 2, 3, 4, 5, and 14, Sections 2675, 2676, 2677, 2678, 2679, 2680, 2680.1, 2683, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2778, 2789, 2790, and 2791.

PROBLEM STATEMENT

The Association of American Feed Control Officials (AAFCO) is a voluntary membership organization comprised of industry as well as state, federal, and international government agencies responsible for the enforcement of laws and regulations pertaining to the production, labeling, distribution, use, and sale of animal food. Since 1920, AAFCO has maintained the AAFCO Official Publication, which contains a comprehensive list of animal food ingredients and recommended model laws and regulations for animal feed production and labeling. State, federal, and international regulators rely on the guidelines published in AAFCO Official Publication when developing their own laws and regulations to ensure national uniformity and protect the health and safety of human and animal food.

Over the past several years, CFRP has conducted a comprehensive comparison of 3 CCR Division 4, Chapter 2, Subchapter 2 against the AAFCO Official Publication and determined several unintentional inconsistencies. In July 2025, CFRP adopted regulations to update California's outdated commercial feed ingredient definitions specified in Subchapter 2, Article 14 for consistency with the AAFCO Official Publication. However, there are additional inconsistencies with labeling requirements that are a source of confusion for industry, complicate interstate commerce, and impede

the Department's ability to enforce feed labeling requirements. Failure to resolve these inconsistencies impedes the ability of California's commercial feed licensees to conduct business, which could impact the health and welfare of the state's livestock population and, by extension, consumers nationwide that depend on California to produce a safe and wholesome supply of milk, meat, and eggs.

BENEFITS

Anticipated benefits of the proposed regulations include increased consistency with national standards and reduced burden on industry resulting from inconsistent labeling requirements among states.

SPECIFIC PURPOSE AND NECESSITY

The following paragraphs provide the specific purpose, rationale, and summaries of these proposed changes to the CCR related to commercial feed.

ARTICLE 1. DEFINITIONS AND GENERAL PROVISIONS

Section 2675. Definitions.

Section 2675(l) is being amended to increase the specified weight for bulk feed to containers of more than 113 kilograms or 250 pounds. This is necessary to ensure protein tubs and barrels meet the definition of packaged feed instead of bulk feed.

Section 2675(m) is being amended to increase the specified weight for packaged feed to containers of equal to or less than 113 kilograms or 250 pounds. This is necessary to ensure protein tubs and barrels meet the definition of packaged feed instead of bulk feed.

Section 2675(t) is being adopted to define feed through pesticide. This definition is from the AAFCO Official Publication and is necessary for consistency with national standards.

Section 2675(u) is being adopted to define supplement. This definition is from the AAFCO Official Publication and is necessary for consistency with national standards.

Section 2675(v) is being adopted to define free choice. This definition is from the AAFCO Official Publication and is necessary for consistency with national standards.

Section 2675(w) is being adopted to define livestock. This is based on the definition of livestock in FAC Section 14205 with the inclusion of equines. This is necessary to define the term as it is used in FAC Section 14902.1 and clarify that equines are included. The term "livestock" was not used in the commercial feed law or regulations until the adoption of FAC Section 14902.1 in 2023 and the recent incorporation of AAFCO definitions in Article 14 of this chapter. By defining livestock in regulation, Program is

clarifying that the term livestock as used in the recently added sections does not conflict with the existing definition of commercial feed. Equines have historically been considered livestock in accordance with the definition of commercial feed under FAC Section 14925, which states “commercial feed” includes all materials which are intended for use as feed or for mixing in feed except preparations which are manufactured and distributed for feeding to domestic pets, such as dogs, cats, and birds.

Section 2675(x) is being adopted to define raw agricultural commodity. This is consistent with the definition in 21 CFR 1.1310 and Food, Drug, and Cosmetic Act Section 201(r) and is necessary for consistency with national standards and ease of reference.

ARTICLE 2. COMMERCIAL FEED CONTAINING DRUGS, FOOD ADDITIVES, OR HARMFUL SUBSTANCES

The title of **Article 2** is being amended to **Prohibited Substances in Commercial Feed and Tolerances**. This is necessary to more accurately describe the proposed changes to this article. Sections pertaining to drugs and food additives are being relocated to Article 5. Sections remaining in Article 2 will pertain only to prohibited substances in feed and tolerances.

Section 2676. Safety and Efficacy of Drugs and Food Additives.

Section 2676 is being repealed. Provisions regarding the safety and efficacy of drugs and food additives are being relocated to Section 2703. This is necessary for reorganization because sections pertaining to drugs and food additives are being relocated to Article 5. Sections remaining in Article 2 will pertain only to prohibited substances in feed and tolerances.

Section 2677. Unlawful Sale or Use of Poisonous Substances.

Section 2677 is being amended to add a subparagraph label. This is necessary for consistency and to maintain outline structure.

Section 2678. Unlawful Sale or Use of Material Containing Pesticide Residue.

The title of **Section 2678** is being amended to **Unlawful Sale or Use of Material Containing Pesticide or Drug Residue**. This is necessary to more accurately describe this section. Provisions regarding drug residues are not being relocated to Article 5 because they are prohibited substances.

Section 2678(a) is being amended to relocate existing provisions regarding federal regulations into subparagraphs. This is necessary to maintain organization.

Section 2678(a)(1) is being adopted to relocate existing requirements from Section 2678(a) into a new subparagraph. This is necessary to maintain organization.

Section 2678(a)(2) is being adopted to incorporate Food and Drug Administration Compliance Policy Guide 575.100, revised March 1993, by reference. This is necessary because this document describes federal tolerances for pesticide residues in feed. Publishing this document in the CCR would be cumbersome, unduly expensive, or otherwise impractical due to its length. Incorporation by reference is appropriate because this document is reasonably available to the affected public from a commonly known or specified source.

Section 2678(a)(3) is being adopted to relocate existing requirements from Section 2678(a) into a new subparagraph. This is necessary to maintain organization.

Section 2678(b) is being repealed. This is necessary because the subsequent provisions are outdated and superseded by FDA CPG 575.100, which is being incorporated by reference in Section 2678(a).

Section 2678(b)(1) is being repealed. This provision is included in FDA CPG 575.100, which is being incorporated by reference in Section 2678(a). This is necessary for consistency with federal requirements.

Section 2678(b)(2) is being repealed. Per consultation with the California Department of Pesticide Regulation, toxaphene does not have legal tolerances or FDA action levels; nearly all uses were cancelled in 1982 with remaining uses cancelled in 1990. This is necessary for consistency with federal requirements.

Section 2678(b)(3) is being repealed. This provision conflicts with FDA CPG 575.100 which states 0.5 ppm in animal feed. This is necessary for consistency with federal requirements.

Section 2678(b)(4) is being repealed. This provision conflicts with Code of Federal Regulations, Title 40, Part 180.272. This is necessary for consistency with federal requirements.

Section 2678(b)(5) is being repealed. This provision conflicts with Code of Federal Regulations, Title 40, Part 180.272. This is necessary for consistency with federal requirements.

Section 2678(c) is being renumbered to Section 2678(b). This is necessary for organization and to maintain outline structure.

Section 2679. Fluorine Tolerances.

Section 2679(b) is being amended to correctly spell “fluorine” and “of.” This is necessary to correct typographical errors.

Section 2679(c) is being adopted to prohibit the incorporation of fluorine bearing ingredients at a rate resulting in daily fluorine intake exceeding 50 milligrams per 100

pounds. This is necessary to control total fluorine in a mixture because the standards for each ingredient alone may not address this issue entirely.

Section 2680. Heavy Metals Prohibited.

The title of **Section 2680** is being amended to **Tolerances for Mineral Contaminants in Ingredients**. This is necessary to more accurately describe the proposed changes to this section.

Section 2680(a) is being amended to remove tolerances for heavy metals and to prohibit ingredients containing mineral contaminants in excess of the tolerances specified in the following subparagraphs. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication and because FDA has no promulgated tolerances for heavy metals.

Section 2680(b) is being adopted to specify how mineral contaminant groups are organized in the following subparagraphs. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(c) is being adopted to specify Contaminant Group 1 includes mercury (inorganic), cadmium, and selenium. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(c)(1) is being adopted to specify the total level of Contaminant Group 1 permitted without labeling is collectively two (2) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(c)(2) is being adopted to specify that labeling is required when the level of Contaminant Group 1 is collectively between two (2) to 500 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(c)(3) is being adopted to specify use is prohibited when the level of Contaminant Group 1 is collectively above 500 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(d) is being adopted to specify Contaminant Group 2 includes arsenic, iodine, molybdenum, cobalt, lead, and vanadium. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(d)(1) is being adopted to specify the total level of Contaminant Group 2 permitted without labeling is collectively 42 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(d)(2) is being adopted to specify that labeling is required when the level of Contaminant Group 2 is collectively between 42 to 1,000 parts per million. This is

necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(d)(3) is being adopted to specify use is prohibited when the level of Contaminant Group 2 is collectively above 1,000 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(e) is being adopted to specify Contaminant Group 3 includes copper, barium, tungsten, and lithium. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(e)(1) is being adopted to specify the total level of Contaminant Group 3 permitted without labeling is collectively 126 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(e)(2) is being adopted to specify that labeling is required when the level of Contaminant Group 3 is collectively between 126 to 1,500 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(e)(3) is being adopted to specify use is prohibited when the level of Contaminant Group 3 is collectively above 1,500 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(f) is being adopted to specify Contaminant Group 4 includes nickel, antimony, chromium, and tin and to note that values are for chromium III (Cr+3) because chromium VI (Cr+6) is carcinogenic and typically not incorporated or found in mineral ingredients. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(f)(1) is being adopted to specify the total level of Contaminant Group 4 permitted without labeling is collectively 420 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(f)(2) is being adopted to specify that labeling is required when the level of Contaminant Group 4 is collectively between 420 to 2,000 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(f)(3) is being adopted to specify use is prohibited when the level of Contaminant Group 4 is collectively above 2,000 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(g) is being adopted to specify Contaminant Group 5 includes boron, aluminum, bromine, zinc, bismuth, manganese, and iron. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(g)(1) is being adopted to specify the total level of Contaminant Group 5 permitted without labeling is collectively 1,260 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(g)(2) is being adopted to specify that labeling is required when the level of Contaminant Group 5 is collectively greater than 1,260 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680(g)(3) is being adopted to specify there is no limit to the level of Contaminant Group 5 for which use is prohibited. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2680.1. Tolerances for Mineral Contaminants in Complete Feed.

Section 2681.1(a) is being adopted to specify that it is unlawful to sell or use complete feed containing mineral contaminants in excess of the tolerances prescribed in the following subparagraphs. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(b) is being adopted to specify the species-specific maximum tolerances for mineral contaminants in complete feed are provided in parts per million dry matter. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(c) is being adopted to specify the maximum tolerance for aluminum for all species is 200 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(d) is being adopted to create a subparagraph grouping antimony tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(d)(1) is being adopted to specify the maximum tolerance for antimony for rodents is 70 to 150 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(d)(2) is being adopted to specify the maximum tolerance for antimony for all other species is 70 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(e) is being adopted to create a subparagraph grouping arsenic tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(e)(1) is being adopted to specify the maximum tolerance for arsenic for cattle, horse, swine, sheep, poultry, and rodents is 30 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(e)(2) is being adopted to specify the maximum tolerance for arsenic for all other species five (5) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(f) is being adopted to specify the maximum tolerance for barium for all species is 20 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(g) is being adopted to specify the maximum tolerance for bismuth for all species is 400 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(h) is being adopted to specify the maximum tolerance for boron for all species is 150 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(i) is being adopted to specify the maximum tolerance for bromine for all species is 200 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(j) is being adopted to specify the maximum tolerance for cadmium for all species is five-tenths (0.5) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(k) is being adopted to specify the maximum tolerance for chromium for all species is 100 parts per million and to specify that values provided are for chromium III (Cr+3) because chromium VI (Cr+6) is carcinogenic and typically not incorporated or found in mineral ingredients. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(l) is being adopted to specify the maximum tolerance for cobalt for all species is 10 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(m) is being adopted to create a subparagraph grouping copper tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(m)(1) is being adopted to specify the maximum tolerance for copper for sheep is 15 parts per million, assuming normal concentrations of molybdenum (1-2 milligrams per kilogram diet) and sulfur (0.15-0.25 percent), and to specify that at

molybdenum and sulfur concentrations below these, copper may become toxic at lower levels. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(m)(2) is being adopted to specify the maximum tolerance for copper for cattle is 40 parts per million, assuming normal concentrations of molybdenum (1-2 milligrams per kilogram diet) and sulfur (0.15-0.25 percent), and to specify that at molybdenum and sulfur concentrations below these, copper may become toxic at lower levels. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(m)(3) is being adopted to specify the maximum tolerance for copper for fish and ducks is 100 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(m)(4) is being adopted to specify the maximum tolerance for copper for horse, swine, and poultry (excluding ducks) is 250 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(m)(5) is being adopted to specify the maximum tolerance for copper for rodents is 500 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(m)(6) is being adopted to specify the maximum tolerance for copper for all other species is 15 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(n) is being adopted to create a subparagraph grouping iodine tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(n)(1) is being adopted to specify the maximum tolerance for iodine for cattle and sheep is 50 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(n)(2) is being adopted to specify the maximum tolerance for iodine for poultry is 300 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(n)(3) is being adopted to specify the maximum tolerance for iodine for swine is 400 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(n)(4) is being adopted to specify the maximum tolerance for iodine for all other species is five (5) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(o) is being adopted to specify the maximum tolerance for iron for all species is 500 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(p) is being adopted to specify the maximum tolerance for lead for all species is 10 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(q) is being adopted to specify the maximum tolerance for lithium for all species is 25 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(r) is being adopted to create a subparagraph grouping manganese tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(r)(1) is being adopted to specify the maximum tolerance for manganese for swine is 1,000 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(r)(2) is being adopted to specify the maximum tolerance for manganese for cattle, sheep, poultry, and rodents is 2,000 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(r)(3) is being adopted to specify the maximum tolerance for manganese for all other species is 400 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(s) is being adopted to specify the maximum tolerance for mercury (inorganic) for all species is two-tenths (0.2) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(t) is being adopted to create a subparagraph grouping molybdenum tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(t)(1) is being adopted to specify the maximum tolerance for molybdenum for rodents is seven (7) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(t)(2) is being adopted to specify the maximum tolerance for molybdenum for fish is 10 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(t)(3) is being adopted to specify the maximum tolerance for molybdenum for poultry is 100 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(t)(4) is being adopted to specify the maximum tolerance for molybdenum for swine is 150 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(t)(5) is being adopted to specify the maximum tolerance for molybdenum for all other species is five (5) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(u) is being adopted to create a subparagraph grouping nickel tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(u)(1) is being adopted to specify the maximum tolerance for nickel for cattle and sheep is 100 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(u)(2) is being adopted to specify the maximum tolerance for nickel for swine and poultry is 250 million parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(u)(3) is being adopted to specify the maximum tolerance for nickel for all other species is 50 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(v) is being adopted to specify the maximum tolerance for selenium for all species is two (2) parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(w) is being adopted to specify the maximum tolerance for tin for all species is 100 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(x) is being adopted to specify the maximum tolerance for tungsten for all species is 20 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(y) is being adopted to specify the maximum tolerance for vanadium for all species is 10 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(z) is being adopted to create a subparagraph grouping zinc tolerances. This is necessary to maintain outline structure and facilitate precise citation.

Section 2681.1(z)(1) is being adopted to specify the maximum tolerance for zinc for sheep is 300 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(z)(2) is being adopted to specify the maximum tolerance for zinc for cattle, horse, poultry, and rodents is 500 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(z)(3) is being adopted to specify the maximum tolerance for zinc for swine is 1,000 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1(z)(4) is being adopted to specify the maximum tolerance for zinc for all other species is 250 parts per million. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2681.1 Note is being adopted to specify authority and reference citations for the proposed section. FAC Section 407 gives the Department authority to adopt regulations necessary to carry out the provisions of the FAC. FAC Section 14902 gives the Department authority to adopt regulations for commercial feed. FAC Section 15011 says the director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section specifies tolerances for mineral contaminants that are necessary to ensure safety.

ARTICLE 3. CUSTOM FORMULA FEED

Section 2683. Custom Formula Feed.

Section 2683(a) is being amended to state that custom formula feed shall be accompanied by the information described in the following subparagraphs. This is necessary to maintain outline structure and facilitate precise citation and to ensure custom formula feed is always accompanied by an invoice or document stating the date of sale and formula number rather than solely a label that meets the requirements of Section 2694.

Section 2683(a)(2) is being amended to state that a custom formula feed must be accompanied by a label that meets the requirements of this subchapter. Current language is outdated and does not accurately reflect the industry practice of applying uniform labeling standards to all feeds. This is necessary to modernize label requirements for custom formula feeds in alignment with updates being made for all labels, which includes splitting Section 2694 into multiple numbered sections organized by label element. This subparagraph is also being amended to require the label to represent the current formulation of the custom formula feed delivered. This is necessary to prevent labels from being reused for different formulations.

Section 2683(a)(2)(A) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(2)(B) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(2)(C) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(2)(D) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(2)(E) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(2)(F) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(2)(G) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(3) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(4) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(a)(5) is being repealed. This is necessary for consistency with the proposed revision to Section 2683(a)(2).

Section 2683(b) is being amended to specify that the manufacturer is responsible for evaluating the safety of custom formula feed and to require the purchaser, or a nutritionist on behalf of the purchaser, to provide the manufacturer with the intended species, feeding rates, and mixing rates when the formulation meets the criteria specified in the following subparagraphs. This is necessary to maintain outline structure and facilitate precise citation and to ensure feed manufacturers can implement effective food safety plans. Formulations and intended use must be considered in the hazard analysis required pursuant to the Food Safety Modernization Act and the feed manufacturer must know the intended use to consider the safety of every feed.

Section 2683(b)(1) is being adopted to require the purchaser, or a nutritionist on behalf of the purchaser, to provide the manufacturer with the information specified in Section 2683(b) when the formulation contains a drug or feed through pesticide. This is necessary to define and narrow the application of Section 2683(b) to only those formulations including drugs/food additives with known high risk safety concerns.

Section 2683(b)(2) is being adopted to require the purchaser, or a nutritionist on behalf of the purchaser, to provide the manufacturer with the information specified in Section 2683(b) when the formulation contains added selenium over three-tenths (0.3) parts per

million. This is necessary to define and narrow the application of Section 2683(b) to only those formulations including drugs/food additives with known high risk safety concerns.

Section 2683(b)(3) is being adopted to require the purchaser, or a nutritionist on behalf of the purchaser, to provide the manufacturer with the information specified in Section 2683(b) when the formulation contains added chromium. This is necessary to define and narrow the application of Section 2683(b) to only those formulations including drugs/food additives with known high risk safety concerns.

Section 2683(b)(4) is being adopted to require the purchaser, or a nutritionist on behalf of the purchaser, to provide the manufacturer with the information specified in Section 2683(b) when the formulation contains non-protein nitrogen. This is necessary to define and narrow the application of Section 2683(b) to only those formulations including drugs/food additives with known high risk safety concerns.

Section 2683(b)(5) is being adopted to require the purchaser, or a nutritionist on behalf of the purchaser, to provide the manufacturer with the information specified in Section 2683(b) when the formulation is a premix. This is necessary to define and narrow the application of Section 2683(b) to only those formulations including drugs/food additives with known high risk safety concerns.

Section 2683(b)(6) is being adopted to require the purchaser, or a nutritionist on behalf of the purchaser, to provide the manufacturer with the information specified in Section 2683(b) when the formulation is a supplement or top-dress which requires further mixing or is fed on a limited basis. This is necessary to define and narrow the application of Section 2683(b) to only those formulations including drugs/food additives with known high risk safety concerns.

Section 2683(c) is being amended to specify that mixing and feeding directions must be capable of being followed in usual feeding practices. This is necessary to ensure safe feeding of the intended species and the approved level of regulated substances. Requirements for formula retention are being relocated to Section 2683(d).

Section 2683(d) is being adopted to relocate requirements for formula retention from Section 2683(c). This is necessary to maintain organization.

ARTICLE 4. LABELING AND USE REQUIREMENTS

Section 2687. Complete Label Required.

Section 2687(a) is being adopted to relocate requirements for complete labels from Section 2693. This is necessary to ensure this foundational requirement is located at the beginning of Article 4 Labeling and Use Requirements, while the subsequent sections specify what information constitutes a complete label. This subparagraph is also being amended to remove references to FAC Sections 14991 and 14992. This is

necessary because there are many elements required for a label to be considered complete in addition to FAC Sections 14991 and 14992.

Section 2687(b) is being adopted to specify the label shall contain a legible and plainly printed statement which meets all of the requirements of this subchapter and not be obscured by other statements or designs. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2687(c) is being adopted to relocate provisions allowing computer generated labels from Section 2697(d). This is necessary because this provision is applicable to all commercial feed labels, not just feed labeled for special purposes.

Section 2687 Note is being adopted to specify authority and reference citations for the proposed section. FAC Section 407 gives the Department authority to adopt regulations necessary to carry out the provisions of the FAC. FAC Section 14902 gives the Department authority to adopt regulations for commercial feed. FAC Section 14991 says commercial feed shall have a label meeting the specified requirements; this is cited for reference because this section further clarifies the requirement for a complete label. FAC Section 14992 lists basic label requirements; this is cited for reference because this section further clarifies these requirements.

Section 2688. Required Use of Recognized Official Names.

The title of **Section 2688** is being amended to **Lot Identification**. This is necessary to more accurately describe the proposed changes to this section.

Section 2688(a) is being amended to relocate provisions regarding lot identification from Section 2694(r). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding required use of recognized official names are being relocated to Section 2691(a).

Section 2688 Note is being amended to change the reference from FAC Section 14992(e) to Section 14992 generally. This is necessary because FAC Section 14992(e) is too specific and refers only to recognized official names.

Section 2689. Classification of Ingredients.

The title of **Section 2689** is being amended to **Net Weight Statement**. This is necessary to more accurately describe the proposed changes to this section.

Section 2689 is being amended to add a subparagraph label. This is necessary for consistency and to maintain outline structure. This section is also being amended to relocate requirements for net weight statements from Section 2703. This is necessary to maintain organization because this provision applies to all feed, not just feed containing

drugs. Requirements for classification of ingredients are being relocated to Section 2702(a).

Section 2689(b) is being adopted to specify that quantity shall be declared in terms of weight, liquid measure or count, based on applicable requirements under Section 4 of the Fair Packaging and Labeling Act. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2689(c) is being adopted to specify weight statement requirements. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2689(d) is being adopted to specify quantity by count shall be combined with a statement of weight, liquid measure, or size of the individual units to ensure adequate information as to the quantity of feed in the container. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2689 Note is being amended to change the reference from FAC Section 14992(e) to Section 14992 generally. This is necessary because FAC Section 14992(e) is too specific and refers only to recognized official names.

Section 2690. Specificity of Directions.

Section 2690 is being amended to add a subparagraph label. This is necessary for consistency and to maintain outline structure.

Section 2690(b) is being adopted to specify adequate directions for use and precautionary statements are required for commercial feed that meets the criteria specified in the following subparagraphs. This is necessary to maintain outline structure and facilitate precise citation, to ensure the safe and effective use for the intended purposes of such articles, and for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2690(b)(1) is being adopted to specify adequate directions for use and precautionary statements are required for feed intended for particular dietary needs, supplementation, or fortification. This is necessary to ensure the safe and effective use for the intended purposes of such articles and for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2690(b)(2) is being adopted to specify adequate directions for use and precautionary statements are required for feed containing drugs or additives with requirements for use specified under the Federal Food, Drug and Cosmetic Act. This is necessary to ensure the safe and effective use for the intended purposes of such articles and for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2690(b)(3) is being adopted to specify adequate directions for use and precautionary statements are required as specified in Sections 2701 Labeling and Use of Medicated Feed, 2704 Labeling and Use of Free Choice Feed, 2705 Labeling and Use of Feed Through Pesticides, 2706 Labeling and Use of Feeds Containing Added Chromium, 2707 Labeling and Use of Non-Protein Nitrogen Products, and 2709 Labeling and Use of Feeds Containing Added Selenium. This is necessary to ensure the safe and effective use for the intended purposes of such articles and to ensure directions for use and precautionary statements include these additional elements when appropriate.

Section 2691. Statement of Ingredients Outside List. [Repealed]

The title of **Section 2691** is being amended to **Ingredients List**. This section was repealed in a previous rulemaking, and this number is being reused.

Section 2691(a) is being adopted to relocate provisions regarding use of recognized official names from Section 2688(a). This is necessary for reorganization because all provisions pertaining to the ingredients list are being relocated to Section 2691.

Section 2691(b) is being adopted to relocate provisions requiring ingredients to be listed in order of decreasing amounts present from Section 2694(f). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to the ingredients list are being relocated to Section 2691.

Section 2691(c) is being adopted to relocate provisions requiring ingredient names to appear in the same size, style, and color from Section 2694(f). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to the ingredients list are being relocated to Section 2691.

Section 2691(d) is being adopted to specify collective terms shall comply with the criteria specified in the following subparagraphs. This is necessary to maintain outline structure and facilitate precise citation.

Section 2691(d)(1) is being adopted to specify that bulk and custom formula feed may only utilize the collective terms Grain Products and Roughage Products and to prohibit the use of any other collective terms on these products. This is necessary to ensure accurate nutrient profiles for products intended for precision feeding. Use of the term “may” is necessary because use of collective terms is optional and is not required.

Section 2691(d)(2) is being adopted to specify that packaged feed for retail sale may utilize any of the collective terms defined in Section 2778 and to prohibit the use of any other collective terms. This is necessary to facilitate interstate commerce of mass

market retail products. Use of the term “may” is necessary because use of collective terms is optional and is not required.

Section 2691(e) is being adopted to relocate provisions regarding ingredient statements for single ingredient products from Section 2694(g)(1). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to the ingredients list are being relocated to Section 2691.

Section 2691(f) is being adopted to relocate provisions regarding ingredients which exceed the maximum moisture as specified in their definition from Section 2694(s). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to the ingredients list are being relocated to Section 2691.

Section 2691(g) is being adopted to relocate provisions regarding trademarked products from Section 2694(i). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to the ingredients list are being relocated to Section 2691.

Section 2691(h) is being adopted to relocate provisions regarding ingredients that are carriers for vitamins, medicated, or mineral premixes from Section 2694(o). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to the ingredients list are being relocated to Section 2691.

Section 2692. Inert Materials. [Repealed].

The title of **Section 2692** is being amended to **Inert Materials and Low Nutrition Ingredients**. This section was repealed in a previous rulemaking, and the number is being reused.

Section 2692(a) is being adopted to relocate provisions regarding maximum percentage of low nutrition ingredients from Section 2694(h). This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to low nutrition ingredients are being relocated to Section 2692.

Section 2692(b) is being adopted to relocate provisions regarding maximum percentage of inert materials from Section 2694(j). This is necessary because existing Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element and all provisions pertaining to inert materials are being relocated to Section 2692.

Section 2693. Complete Label Required.

The title of **Section 2693** is being amended to **Purpose Statement**. This is necessary to more accurately describe the proposed changes to this section.

Section 2693 is being amended to add a subparagraph label. This is necessary for consistency and to maintain outline structure and facilitate precise citation. This section is also being amended to specify that labels must include a statement of purpose except in the conditions specified in the following subparagraphs. This is consistent with national standards prescribed in the AAFCO Official Publication and is already a common industry practice. This is necessary to clearly communicate the intended purpose of the feed to the consumer, which enables safe and effective use. Requirements for complete labels are being relocated to Section 2687.

Section 2693(a)(1) is being adopted to specify that a statement of purpose is not required if the product name includes a description of the intended species and class of animal. This allows flexibility in how products are labeled, provided the necessary components are included on the label. Some product names are very descriptive and would render the purpose statement duplicative. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2693(a)(2) is being adopted to specify that a statement of purpose is not required if the product is a premix, ingredient, or blend for further manufacture. Manufacturers may not know the final intended species of animal for products intended for further manufacture. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2693(a)(3) is being adopted to specify that a statement of purpose is not required if the product is a single ingredient that is not intended for a specific animal class or species. Many ingredients and commodities such as corn are used in nearly all animal feed, and it would not be applicable to list a purpose statement. This is necessary for consistency with national standards prescribed in the AAFCO Official Publication.

Section 2694. Label Statements.

The title of **Section 2694** is being amended to **Guaranteed Analysis**. This is necessary to more accurately describe the proposed changes to this section.

Section 2694 is being amended to remove language requiring labels to contain a legible and plainly printed statement certifying to the following criteria. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions remaining in this section are specific to guaranteed analysis. Requirements for legible and plainly printed label statements are being relocated to Section 2687(b).

Section 2694(a) is being amended to relocate provisions regarding guarantees required for single ingredients from Section 2694(g)(2). Requirements for crude protein guarantees are being relocated to Section 2694(b)(1). This is necessary for reorganization.

Section 2694(a)(1) is being repealed. Provisions regarding labeling for non-protein nitrogen are being relocated to Section 2694(b)(2). This is necessary for reorganization.

Section 2694(b) is being amended to specify all commercial feed labels shall include the guarantees specified in the following subparagraphs, unless otherwise stated in this subchapter. This subparagraph is also being amended to relocate requirements for guarantees to be expressed on an as-is (as-fed) basis from Section 2694(e). Requirements for crude fat guarantees are being relocated to 2694(b)(3). This is necessary for reorganization.

Section 2694(b)(1) is being adopted to relocate requirements for minimum percent crude protein guarantees from Section 2694(a). This is necessary for reorganization.

Section 2694(b)(2) is being adopted to relocate requirements for feeds containing non-protein nitrogen from Section 2694(a)(1). This is necessary for reorganization.

Section 2694(b)(3) is being adopted to relocate requirements for minimum percent crude fat guarantees from Section 2694(b). This is necessary for reorganization.

Section 2694(b)(4) is being adopted to relocate requirements for maximum percent crude fiber guarantees from Section 2694(c). This is necessary for reorganization.

Section 2694(b)(5) is being adopted to specify the minerals listed in the following subparagraphs shall be guaranteed in formula feeds. This is necessary to replace the ash guarantee, which has been repealed for consistency with the AAFCO Official Publication.

Section 2694(b)(5)(A) is being adopted to require guarantees for minimum and maximum percentage calcium. This is necessary to replace the ash guarantee, which has been repealed for consistency with the AAFCO Official Publication.

Section 2694(b)(5)(B) is being adopted to require guarantees for minimum percentage phosphorus. This is necessary to replace the ash guarantee, which has been repealed for consistency with the AAFCO Official Publication.

Section 2694(b)(5)(C) is being adopted to relocate requirements for minimum and maximum percentage of salt or sodium guarantees from Section 2694(k) and specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for reorganization and consistency with the AAFCO Official Publication.

Section 2694(b)(5)(D) is being adopted to relocate requirements for feeds containing added selenium from Section 2694(q). This is necessary for reorganization.

Section 2694(b)(6) is being adopted to require mineral supplements to guarantee other minerals in the terms specified in this chapter. This provision was recommended by the Feed Inspection Advisory Board Regulatory Subcommittee and is necessary to ensure appropriate mineral guarantees are provided for specialized mineral supplements.

Section 2694(c) is being repealed. Provisions for maximum percent crude fiber are being relocated to Section 2694(b)(4). This is necessary for reorganization.

Section 2694(d) is being repealed. This is necessary because the AAFCO Official Publication does not require an ash guarantee. Replacement requirements for mineral guarantees are being adopted in Section 2694(b)(5). This is necessary for reorganization.

Section 2694(d)(1) is being repealed. This is necessary because the AAFCO Official Publication does not require an ash guarantee. Replacement requirements for mineral guarantees are being adopted in Section 2694(b)(5). This is necessary for reorganization.

Section 2694(d)(2) is being repealed. This is necessary because the AAFCO Official Publication does not require an ash guarantee. Replacement requirements for mineral guarantees are being adopted in Section 2694(b)(5). This is necessary for reorganization.

Section 2694(e) is being repealed. Requirements for guarantees to be on an as-fed (as-is) basis are being relocated to Section 2694(b). This is necessary for reorganization.

Section 2694(f) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding the ingredients list and collective terms are being relocated to Section 2691(b), (c), and (d).

Section 2694(g)(1) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding ingredient statements for single ingredients are being relocated to Section 2691(e).

Section 2694(g)(2) is being repealed. Requirements for single ingredient guarantees are being relocated to Section 2694(a). This is necessary for reorganization.

Section 2694(g)(3) is being repealed. This is necessary because the AAFCO Official Publication does not require an ash guarantee. Replacement requirements for mineral

guarantees are being adopted in Section 2694(b)(5). This is necessary for reorganization.

Section 2694(h) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding low nutrition ingredients are being relocated to Section 2692(a).

Section 2694(i) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding trademarked products in the ingredients list are being relocated to Section 2691(g).

Section 2694(j) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding inert materials are being relocated to Section 2692(b).

Section 2694(k) is being repealed. Requirements for sodium and salt guarantees are being relocated to Section 2694(b)(5)(C). This is necessary for reorganization.

Section 2694(l) is being renumbered to Section 2694(b)(7). This is necessary for organization and to maintain outline structure.

Section 2694(b)(8) is being adopted to relocate requirements for guarantees for vitamin supplements from Section 2694(n). This is necessary for reorganization.

Section 2694(m) is being renumbered to Section 2694(b)(9). This is necessary for organization and to maintain outline structure.

Section 2694(n) is being repealed. Requirements for vitamin guarantees are being relocated to Section 2694(b)(8). This is necessary for reorganization.

Section 2694(b)(10) is being adopted to specify required guarantees for feeds that claim levels of dietary starch, sugars, fructans, or similar. This is necessary for consistency with the AAFCO Official Publication.

Section 2694(b)(10)(A) is being adopted to specify feeds that claim levels of dietary starch, sugars, fructans, or similar shall include guarantees for maximum percentage of dietary starch and sugars. This is necessary for consistency with the AAFCO Official Publication.

Section 2694(b)(10)(B) is being adopted to specify feeds that claim levels of dietary starch, sugars, fructans, or similar shall include guarantees for maximum percentage of fructans if the feed contains forage products. This is necessary for consistency with the AAFCO Official Publication.

Section 2694(o) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding carriers for vitamins, medicated, or mineral premixes are being relocated to Section 2691(h).

Section 2694(p) is being renumbered to Section 2694(b)(11). This is necessary for organization and to maintain outline structure.

Section 2694(b)(12) is being adopted to require species specific guarantees as specified in Section 2695. This is necessary for consistency with the AAFCO Official Publication.

Section 2694(q) is being repealed. Requirements for labeling feeds containing added selenium are being relocated to Section 2694(b)(5)(D). This is necessary for reorganization.

Section 2694(r) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding batch or production run identification are being relocated to Section 2688. This is necessary for reorganization.

Section 2694(s) is being repealed. This is necessary because Section 2694 Label Statements is being split into multiple numbered sections with provisions reorganized by label element. Provisions regarding ingredients that exceed maximum moisture levels are being relocated to Section 2691(f). This is necessary for reorganization.

Section 2695. Collective Terms. [Repealed]

The title of **Section 2695** is being amended to **Species Specific Guarantees**. Provisions regarding collective terms were repealed in a previous rulemaking and this section number is being reused.

Section 2695(a) is being adopted to require species specific guarantees for complete feeds, premixes, and other formula feeds intended to supplement the diet of the animal with such components. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b) is being adopted to create a subparagraph grouping required guarantees for swine prestarter, starter, grower, finisher, gilts, sows, adult boars, and lactating gilts and sows. This is necessary to maintain outline structure and facilitate precise citation.

Section 2695(b)(1) is being adopted to create a subparagraph grouping required guarantees for swine complete feeds and supplements. This is necessary to maintain outline structure and facilitate precise citation.

Section 2695(b)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for swine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b)(1)(B) is being adopted to require minimum percent lysine to be guaranteed for swine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b)(1)(C) is being adopted to require minimum percent crude fat to be guaranteed for swine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b)(1)(D) is being adopted to require maximum percent crude fiber to be guaranteed for swine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b)(1)(E) is being adopted to require minimum and maximum percent calcium to be guaranteed for swine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b)(1)(F) is being adopted to require minimum percent phosphorus to be guaranteed for swine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b)(1)(G) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for swine complete feeds and supplements and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(b)(1)(H) is being adopted to require minimum parts per million selenium to be guaranteed for swine complete feeds and supplements when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c) is being adopted to create a subparagraph grouping required guarantees for poultry layers, broilers, and turkeys. This is necessary to support outline structure and maintain organization.

Section 2695(c)(1) is being adopted to create a subparagraph grouping required guarantees for poultry complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(c)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for poultry complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c)(1)(B) is being adopted to require minimum percent lysine to be guaranteed for poultry complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c)(1)(C) is being adopted to require minimum percent methionine to be guaranteed for poultry complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c)(1)(D) is being adopted to require minimum percent crude fat to be guaranteed for poultry complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c)(1)(E) is being adopted to require maximum percent crude fiber to be guaranteed for poultry complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c)(1)(F) is being adopted to require minimum and maximum percent calcium to be guaranteed for poultry complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c)(1)(G) is being adopted to require minimum percent phosphorus to be guaranteed for poultry complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(c)(1)(H) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for poultry complete feeds and supplements and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d) is being adopted to create a subparagraph grouping required guarantees for beef calves, cattle on pasture, and feedlot cattle. This is necessary to support outline structure and maintain organization.

Section 2695(d)(1) is being adopted to create a subparagraph grouping required guarantees for beef complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(d)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(B) is being adopted to require maximum percent equivalent crude protein from non-protein nitrogen (NPN), when added, to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(C) is being adopted to require minimum percent crude fat to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(D) is being adopted to require maximum percent crude fiber to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(E) is being adopted to require minimum and maximum percent calcium to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(F) is being adopted to require minimum percent phosphorus to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(G) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for beef complete feeds and supplements and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(H) is being adopted to require minimum percent potassium to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(1)(I) is being adopted to require minimum International Units per pound vitamin A, if added, to be guaranteed for beef complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2) is being adopted to create a subparagraph grouping required guarantees for beef mineral feeds, if added. This is necessary to support outline structure and maintain organization.

Section 2695(d)(2)(A) is being adopted to require minimum and maximum percent calcium to be guaranteed for beef mineral feeds, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(B) is being adopted to require minimum percent phosphorus to be guaranteed for beef mineral feeds, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(C) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for beef mineral feeds, if added and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(D) is being adopted to require minimum percent magnesium to be guaranteed for beef mineral feeds. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(E) is being adopted to require minimum percent potassium to be guaranteed for beef mineral feeds, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(F) is being adopted to require minimum parts per million copper to be guaranteed for beef mineral feeds, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(G) is being adopted to require minimum parts per million selenium to be guaranteed for beef mineral feeds, if added, when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(H) is being adopted to require minimum parts per million zinc to be guaranteed for beef mineral feeds, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(d)(2)(I) is being adopted to require minimum International Units per pound vitamin A (other than precursors of Vitamin A) to be guaranteed for beef mineral feeds, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e) is being adopted to create a subparagraph grouping required guarantees for dairy veal milk replacer, herd milk replacer, starter, non-lactating dairy cattle, replacement dairy heifers, dairy bulls, dairy calves, lactating dairy cows, and dry dairy cows. This is necessary to support outline structure and maintain organization.

Section 2695(e)(1) is being adopted to create a subparagraph grouping required guarantees for veal and herd replacement milk replacer. This is necessary to support outline structure and maintain organization.

Section 2695(e)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for veal and herd replacement milk replacer. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(1)(B) is being adopted to require minimum percent crude fat to be guaranteed for veal and herd replacement milk replacer. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(1)(C) is being adopted to require maximum percent crude fiber to be guaranteed for veal and herd replacement milk replacer. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(1)(D) is being adopted to require minimum and maximum percent calcium to be guaranteed for veal and herd replacement milk replacer. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(1)(E) is being adopted to require minimum percent phosphorus to be guaranteed for veal and herd replacement milk replacer. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(1)(F) is being adopted to require minimum International Units per pound vitamin A (other than precursors of vitamin A), if added, to be guaranteed for veal and herd replacement milk replacer. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2) is being adopted to create a subparagraph grouping required guarantees for dairy cattle complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(e)(2)(A) is being adopted to require minimum percent crude protein to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(B) is being adopted to require maximum percent equivalent crude protein from non-protein nitrogen (NPN), if added, to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(C) is being adopted to require minimum percent crude fat to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(D) is being adopted to require maximum percent crude fiber to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(E) is being adopted to require maximum percent acid detergent fiber (ADF) to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(F) is being adopted to require minimum and maximum percent calcium to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(G) is being adopted to require minimum percent phosphorus to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(H) is being adopted to require minimum parts per million selenium to be guaranteed for dairy cattle complete feeds and supplements when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(2)(I) is being adopted to require minimum International Units per pound vitamin A (other than precursors of vitamin A), if added, to be guaranteed for dairy cattle complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(3) is being adopted to create a subparagraph grouping required guarantees for dairy mixing and pasture mineral, if added. This is necessary to support outline structure and maintain organization.

Section 2695(e)(3)(A) is being adopted to require minimum and maximum percent calcium to be guaranteed for dairy mixing and pasture mineral, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(3)(B) is being adopted to require minimum percent phosphorus to be guaranteed for dairy mixing and pasture mineral, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(3)(C) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for dairy mixing and pasture mineral and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(3)(D) is being adopted to require minimum percent magnesium to be guaranteed for dairy mixing and pasture mineral, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(3)(E) is being adopted to require minimum percent potassium to be guaranteed for dairy mixing and pasture mineral, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(3)(F) is being adopted to require minimum parts per million selenium to be guaranteed for dairy mixing and pasture mineral, if added, when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(e)(3)(G) is being adopted to require minimum International Units per pound vitamin A (other than precursors of vitamin A), if added, to be guaranteed for dairy mixing and pasture mineral, if added. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f) is being adopted to create a subparagraph grouping required guarantees for equine growing, broodmare, maintenance, and performance (including stallions). This is necessary to support outline structure and maintain organization.

Section 2695(f)(1) is being adopted to create a subparagraph grouping required guarantees for equine complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(f)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(B) is being adopted to require minimum percent crude fat to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(C) is being adopted to require maximum percent crude fiber to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(D) is being adopted to require maximum percent acid detergent fiber (ADF) to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(E) is being adopted to require maximum percent neutral detergent fiber (NDF) to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(F) is being adopted to require minimum and maximum percent calcium to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(G) is being adopted to require minimum percent phosphorus to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(H) is being adopted to require minimum parts per million copper, if added, to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(I) is being adopted to require minimum parts per million selenium to be guaranteed for equine complete feeds and supplements when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(J) is being adopted to require minimum parts per million zinc to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(1)(K) is being adopted to require minimum International Units per pound vitamin A (other than precursors to vitamin A), if added, to be guaranteed for equine complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(2) is being adopted to create a subparagraph grouping required guarantees for equine mineral feeds. This is necessary to support outline structure and maintain organization.

Section 2695(f)(2)(A) is being adopted to require minimum and maximum percent calcium to be guaranteed for equine mineral feeds. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(2)(B) is being adopted to require minimum percent phosphorus to be guaranteed for equine mineral feeds. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(2)(C) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for equine mineral feeds and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(2)(D) is being adopted to require minimum parts per million copper, if added, to be guaranteed for equine mineral feeds. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(2)(E) is being adopted to require minimum parts per million selenium to be guaranteed for equine mineral feeds when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(2)(F) is being adopted to require minimum parts per million zinc to be guaranteed for equine mineral feeds. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(f)(2)(G) is being adopted to require minimum International Units per pound vitamin A (other than precursors to vitamin A), if added, to be guaranteed for equine mineral feeds. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g) is being adopted to create a subparagraph grouping required guarantees for goat starter, grower, finisher, breeder, and lactating. This is necessary to support outline structure and maintain organization.

Section 2695(g)(1) is being adopted to create a subparagraph grouping required guarantees for goat complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(g)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(B) is being adopted to require maximum percent equivalent crude protein from non-protein nitrogen (NPN), if added, to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(C) is being adopted to require minimum percent crude fat to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(D) is being adopted to require maximum percent crude fiber to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(E) is being adopted to require maximum percent acid detergent fiber (ADF) to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(F) is being adopted to require minimum and maximum percent calcium to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(G) is being adopted to require minimum percent phosphorus to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(H) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for goat complete feeds and supplements and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(I) is being adopted to require minimum and maximum parts per million copper, if added, to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(J) is being adopted to require minimum parts per million selenium to be guaranteed for goat complete feeds and supplements when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(g)(1)(K) is being adopted to require minimum International Units per pound vitamin A (other than precursors to vitamin A), if added, to be guaranteed for goat complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h) is being adopted to create a subparagraph grouping required guarantees for sheep starter, grower, finisher, breeder, and lactating. This is necessary to support outline structure and maintain organization.

Section 2695(h)(1) is being adopted to create a subparagraph grouping required guarantees for sheep complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(h)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(B) is being adopted to require maximum percent equivalent crude protein from non-protein nitrogen (NPN), if added, to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(C) is being adopted to require minimum percent crude fat to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(D) is being adopted to require maximum percent crude fiber to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(E) is being adopted to require minimum and maximum percent calcium to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(F) is being adopted to require minimum percent phosphorus to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(G) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for sheep complete feeds and supplements and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(H) is being adopted to require minimum and maximum parts per million copper, if added or if total copper exceeds 20 parts per million, to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(I) is being adopted to require minimum parts per million selenium to be guaranteed for sheep complete feeds and supplements when feed contains up to three-tenths (0.3) parts per million added selenium, and as required in Section 2709(d) of this subchapter for feeds over three-tenths (0.3) parts per million added selenium. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(h)(1)(J) is being adopted to require minimum International Units per pound vitamin A (other than precursors to vitamin A), if added, to be guaranteed for sheep complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(i) is being adopted to create a subparagraph grouping required guarantees for duck and geese starter, grower, finisher, breeder developer, and breeder. This is necessary to support outline structure and maintain organization.

Section 2695(i)(1) is being adopted to create a subparagraph grouping required guarantees for duck and geese complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(i)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for duck and geese complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(i)(1)(B) is being adopted to require minimum percent crude fat to be guaranteed for duck and geese complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(i)(1)(C) is being adopted to require maximum percent crude fiber to be guaranteed for duck and geese complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(i)(1)(D) is being adopted to require minimum and maximum percent calcium to be guaranteed for duck and geese complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(i)(1)(E) is being adopted to require minimum percent phosphorus to be guaranteed for duck and geese complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(i)(1)(F) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for duck and geese complete feeds and supplements and to specify that minimum and maximum percentage of total sodium shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(j) is being adopted to create a subparagraph grouping required guarantees for fish including trout, catfish, and species other than trout or catfish. This is necessary to support outline structure and maintain organization.

Section 2695(j)(1) is being adopted to create a subparagraph grouping required guarantees for fish complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(j)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for fish complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(j)(1)(B) is being adopted to require minimum percent crude fat to be guaranteed for fish complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(j)(1)(C) is being adopted to require maximum percent crude fiber to be guaranteed for fish complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(j)(1)(D) is being adopted to require minimum percent phosphorus to be guaranteed for fish complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(k) is being adopted to create a subparagraph grouping required guarantees for rabbit grower and breeder. This is necessary to support outline structure and maintain organization.

Section 2695(k)(1) is being adopted to create a subparagraph grouping required guarantees for rabbit complete feeds and supplements. This is necessary to support outline structure and maintain organization.

Section 2695(k)(1)(A) is being adopted to require minimum percent crude protein to be guaranteed for rabbit complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(k)(1)(B) is being adopted to require minimum percent crude fat to be guaranteed for rabbit complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(k)(1)(C) is being adopted to require minimum and maximum percent crude fiber to be guaranteed for rabbit complete feeds and supplements and state the maximum crude fiber shall not exceed the minimum by more than five (5.0) units. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(k)(1)(D) is being adopted to require minimum and maximum percent calcium to be guaranteed for rabbit complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(k)(1)(E) is being adopted to require minimum percent phosphorus to be guaranteed for rabbit complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(k)(1)(F) is being adopted to require minimum and maximum percent salt or sodium, if added, to be guaranteed for rabbit complete feeds and supplements and to specify that minimum and maximum percentage of total sodium shall be guaranteed

only when total sodium exceeds that furnished by the maximum salt guarantee. This is necessary for consistency with the AAFCO Official Publication.

Section 2695(k)(1)(G) is being adopted to require minimum International Units per pound vitamin A (other than precursors to vitamin A), if added, to be guaranteed for rabbit complete feeds and supplements. This is necessary for consistency with the AAFCO Official Publication.

Section 2695 Note is being amended to change the reference from FAC Section 14992(e) to Section 14992 generally. This is necessary because FAC Section 14992(e) is too specific and refers only to recognized official names. This note is also being amended to cite FAC Sections 15011 and 15042 as references. FAC Section 15011 says the director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section specifies guarantees that are necessary to ensure safety. FAC Section 15042 says the sale or distribution of feed containing a substance in an amount specified as being unsafe is a violation of this chapter; this is cited for reference because the proposed section specifies guarantees that are necessary to ensure safety for the specified species.

Section 2696. Guarantees.

The title of **Section 2696** is being amended to **Expression of Guarantees**. This is necessary to more accurately describe the proposed changes to this section.

Section 2696(a) is being amended to remove the reference to Section 2683. This is necessary because this exception is no longer relevant with the proposed changes to custom formula feed.

Section 2696(c) is being amended to replace the reference to Sections 2683 and 2702 with this subchapter. This is necessary to ensure all exceptions for the expression of guarantees are included.

Section 2696(e) is being adopted to relocate exemptions for guaranteeing vitamins in milligrams per pound from Section 2702(g). This is necessary for reorganization.

Section 2696(e)(1) is being adopted to relocate requirements for Vitamin A to be guaranteed in International Units per pound from Section 2702(d). This is necessary for reorganization.

Section 2696(e)(2) is being adopted to relocate requirements for Vitamin D to be guaranteed in International Units per pound from Section 2702(e). This is necessary for reorganization. This provision is also being amended to allow Vitamin D-3 to be guaranteed in International Chick Units per pound in poultry products. This is necessary for consistency with the AAFCO Official Publication.

Section 2696(e)(3) is being adopted to relocate requirements for Vitamin E to be guaranteed in International Units per pound from Section 2702(f). This is necessary for reorganization.

Section 2696(e)(4) is being adopted to relocate requirements for all other vitamin guarantees to be expressed in milligrams per pound from Section 2702(g) and specify the name of the vitamin used from Section 2702(h). This is necessary for reorganization.

Section 2696(e)(5) is being adopted to specify vitamin B-12 shall be guaranteed in milligrams or micrograms per pound. This is necessary for consistency with the AAFCO Official Publication.

Section 2696(e)(6) is being adopted to allow guarantees for concentrated oils and premixes containing vitamins A, D, and E to be expressed in units per gram. This is necessary for consistency with the AAFCO Official Publication.

Section 2696(e)(7) is being adopted to relocate requirements for mineral guarantees from Section 2702(i). This is necessary for reorganization.

Section 2696(e)(8) is being adopted to relocate mineral and vitamin requirements for products with a quantity statement from Section 2702(j). This is necessary for reorganization.

Section 2696(e)(9) is being adopted to relocate requirements for lysine, methionine and other amino acid guarantees from Section 2702(k). This is necessary for reorganization.

Section 2696(e)(10) is being adopted to specify microorganisms shall be guaranteed in colony forming units per gram, pound, or product unit consistent with the directions for use and contain a statement listing each species in order of predominance. This is necessary for consistency with the AAFCO Official Publication.

Section 2696(e)(11) is being adopted to specify enzymes shall be guaranteed in units of enzymatic activity per product unit consistent with the directions for use and shall specify the source organism for each type of enzymatic activity. This is necessary for consistency with the AAFCO Official Publication.

Section 2696 Note is being amended to cite FAC Sections 14991 and 15041 as references. FAC Section 14991 says commercial feed shall have a label meeting the specified requirements; this is cited for reference because this section specifies label requirements. FAC Section 15041 says commercial feed is adulterated if it contains a substance in an amount specified as being unsafe, a valuable ingredient is omitted or substituted for something less valuable, its composition differs from its labeling, or it contains a drug or other additive but the manufacturing, processing, or packaging methods, facilities, or controls do not conform to requirements; this is cited for reference

because this section requires guarantees to accurately represent the composition and/or quality of the commercial feed.

Section 2697. Labeling for Special Purposes.

Section 2697(a) is being amended to specify that the guarantees required by Section 2694 are not required for products not intended to furnish one or more of the included substances, or when one or more of the included substances are of minor significance to the purpose of the product. This section is also being amended to relocate guarantee requirements for special purpose commercial feeds and ingredients from Section 2697(b). This is necessary for reorganization.

Section 2697(b) is being repealed. Requirements for guarantees for special purpose commercial feeds and ingredients are being relocated to Section 2697(a). This is necessary for reorganization.

Section 2697(c) is being repealed. Requirements for labeling premixes are being relocated to Section 2699. This is necessary for reorganization.

Section 2697(d) is being repealed. Requirements for computer generated labels are being relocated to Section 2687(c). This is necessary because this provision is applicable to all labels, not just labeling for special purposes.

Section 2698. Labeling Liquid Feed.

Section 2698 is being amended to add a subparagraph label. This is necessary for consistency and to maintain outline structure.

Section 2699. Labeling Premixes.

Section 2699 is being adopted to create a section for Labeling Premixes. These provisions have been relocated from Sections 2697(c) and 2708.

Section 2699(a) is being adopted to relocate requirements for a premix intended to provide a specialized nutritional source to be labeled with its intended purpose and relevant nutrient guarantees from Sections 2697(c) and 2708. This is necessary for reorganization.

Section 2699(b) is being adopted to relocate requirements for a premix to be labeled with the date manufactured from Section 2708. This is necessary for reorganization.

Section 2699 Note is being adopted to specify authority and reference citations for the proposed section. FAC Section 407 gives the Department authority to adopt regulations necessary to carry out the provisions of the FAC. FAC Section 14902 gives the Department authority to adopt regulations for commercial feed. FAC Section 14991 says commercial feed shall have a label meeting the specified requirements; this is cited for

reference because this section specifies label requirements. FAC Section 14992 lists basic label requirements; this is cited for reference because this section further clarifies these requirements.

ARTICLE 5. COMMERCIAL FEEDS CONTAINING DRUGS AND SPECIAL PROVISIONS

The title of **Article 5** is being amended to **Commercial Feeds Containing Drugs or Food Additives**. This is necessary to more accurately describe the content of this article.

Section 2700. Use of Drugs in Commercial Feed.

The title of **Section 2700** is being amended to **Use of Drugs and Food Additives in Commercial Feed**. This is necessary to more accurately describe the content of this section.

Section 2700 is being amended to add a subparagraph label. This is necessary for consistency and to maintain outline structure.

Section 2701. Labeling of Medicated Feed.

The title of **Section 2701** is being amended to **Labeling and Use of Medicated Feed**. This is necessary to more accurately describe the content of this section.

Section 2701(a)(1) is being amended to relocate requirements for drugs in commercial feed to be guaranteed in units consistent with the feeding directions on the label from Section 2702. This is necessary for reorganization.

Section 2701(a)(4) is being amended to specify that adequate directions shall enable safe and effective use for the intended purpose, including approved dosage by species. This is necessary to clarify what is meant by “adequate directions.”

Section 2702. Drug and Food Additive Guarantees.

The title of **Section 2702** is being amended to **Classification of Ingredients**. This is necessary to accurately describe the proposed changes to this section.

Section 2702 is being amended to remove language requiring drug and food additives to be guaranteed in percentage. Requirements for use of drugs in commercial feed are being relocated to Section 2701. This is necessary for reorganization.

Section 2702(a) is being amended to relocate requirements for the classification of ingredients from Section 2689. Requirements for drug guarantees are being relocated to Section 2701(a)(1). This is necessary for reorganization.

Section 2702(b) is being repealed. Requirements for drug guarantees are being relocated to Section 2701(a)(1). This is necessary for reorganization.

Section 2702(c) is being repealed. Requirements for drug guarantees are being relocated to Section 2701(a)(1). This is necessary for reorganization.

Section 2702(d) is being repealed. Requirements for Vitamin A guarantees are being relocated to Section 2696(e)(1). This is necessary for reorganization.

Section 2702(e) is being repealed. Requirements for Vitamin D guarantees are being relocated to Section 2696(e)(2). This is necessary for reorganization.

Section 2702(f) is being repealed. Requirements for Vitamin E guarantees are being relocated to Section 2696(e)(3). This is necessary for reorganization.

Section 2702(g) is being repealed. Requirements for all other vitamin guarantees are being relocated to Section 2696(e)(4). This is necessary for reorganization.

Section 2702(h) is being repealed. Requirements for expression of forms of vitamins are being relocated to Section 2696(e)(4). This is necessary for reorganization.

Section 2702(i) is being repealed. Requirements for mineral guarantees are being relocated to Section 2696(e)(7). This is necessary for reorganization.

Section 2702(j) is being repealed. Requirements for guarantees for products labeled with a quantity statement are being relocated to Section 2696(e)(8). This is necessary for reorganization.

Section 2702(k) is being repealed. Requirements for lysine, methionine, and other amino acid guarantees are being relocated to Section 2696(e)(9). This is necessary for reorganization.

Section 2702 Note is being amended to change the reference from FAC Section 14992(e) to Section 14992 generally. This is necessary because FAC Section 14992(e) is too specific and refers only to recognized official names. This note is also being amended to cite FAC Sections 15011, 15031, and 15041 as references. FAC Section 15011 says the director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section requires classification of ingredients for the purpose of evaluating their safety. FAC Section 15031 says feed is mislabeled if the labeling is false or misleading, it is not labeled as required, or the label is likely to be misunderstood; this is cited as a reference because this section concerns the classification of ingredients which determines how a product must be labeled. FAC Section 15041 says commercial feed is adulterated if it contains a substance in an amount specified as being unsafe, a valuable ingredient is omitted or substituted for something less valuable, its composition

differs from its labeling, or it contains a drug or other additive but the manufacturing, processing, or packaging methods, facilities, or controls do not conform to requirements; this is cited for reference because this section requires classification of ingredients which is necessary to determine whether a product is adulterated.

Section 2703. Net Weight Statement.

The title of **Section 2703** is being amended to **Safety and Efficacy of Drugs and Food Additives**. This is necessary to more accurately describe the proposed changes to this section.

Section 2703 is being amended to add a subparagraph label. This is necessary for consistency and to maintain outline structure. This section is also being amended to relocate requirements for evidence of safety and efficacy from Section 2676(a). Requirements for net weight statements are being relocated to Section 2689. This is necessary for reorganization.

Section 2703(b) is being adopted to relocate requirements for evaluating safety and efficacy from Section 2676(b). This is necessary for reorganization.

Section 2703(b)(1) is being adopted to relocate requirements for evaluating safety and efficacy from Section 2676(b)(1). This is necessary for reorganization.

Section 2703(b)(1)(A) is being adopted to relocate requirements for evaluating safety and efficacy from Section 2676(b)(1)(A). This is necessary for reorganization.

Section 2703(b)(1)(B) is being adopted to relocate requirements for evaluating safety and efficacy from Section 2676(b)(1)(B). This is necessary for reorganization.

Section 2703(b)(2) is being adopted to relocate requirements for evaluating safety and efficacy from Section 2676(b)(2). This is necessary for reorganization.

Section 2703 Note is being amended to remove FAC Section 14992(a) and cite FAC Sections 14903, 15011, 15031, and 15041 as references. FAC Section 14992(a) is being removed because it concerns net weight labeling requirements which are not addressed in this section. FAC Section 14903 says the secretary shall establish regulations that are based upon federal food and drug laws and regulations; this is cited for reference because the proposed section includes requirements from relevant federal regulations. FAC Section 15011 says the director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section specifies safety requirements for drugs and food additives. FAC Section 15031 says feed is mislabeled if the labeling is false or misleading, it is not labeled as required, or the label is likely to be misunderstood; this is cited as a reference because this section concerns the safety and efficacy of feed when used according to the directions stated on the label. FAC Section 15041 says

commercial feed is adulterated if it contains a substance in an amount specified as being unsafe, a valuable ingredient is omitted or substituted for something less valuable, its composition differs from its labeling, or it contains a drug or other additive but the manufacturing, processing, or packaging methods, facilities, or controls do not conform to requirements; this is cited for reference because this section specifies safety requirements for drugs and food additives.

Section 2704. Screenings in Wheat Products. [Repealed]

The title of **Section 2704** is being amended to **Labeling and Use of Free Choice Feed**. Provisions regarding screenings in wheat products were repealed in a previous rulemaking and this section number is being reused.

Section 2704(a) is being adopted to create a subparagraph grouping labeling requirements for free choice feeds. This is necessary to maintain outline structure and facilitate precise citation.

Section 2704(a)(1) is being adopted to specify free choice feeds shall be labeled with a purpose statement indicating the intended species and class and identifying the feed as “free choice.” This is necessary to specify what is meant by adequate directions, warnings and caution statements that may be necessary for the safe use of any feed as stated in FAC Section 14992.

Section 2704(a)(2) is being adopted to specify the directions for use shall state the intended consumption rate. This is necessary to specify what is meant by adequate directions, warnings and caution statements that may be necessary for the safe use of any feed as stated in FAC Section 14992.

Section 2704(a)(3) is being adopted to specify the directions for use shall state the risks of feeding to starved or debilitated animals and to discontinue feeding if consumption exceeds a safe level. This is necessary to specify what is meant by adequate directions, warnings and caution statements that may be necessary for the safe use of any feed as stated in FAC Section 14992.

Section 2704(b) is being adopted to specify that free-choice medicated feed must comply with 21 CFR 510.455. This is necessary to reference relevant federal requirements.

Section 2704 Note is being amended to change the reference from FAC Section 14992(e) to Section 14992 generally. This is necessary because FAC Section 14992(e) is too specific and refers only to recognized official names. This note is also being amended to cite FAC Sections 14903, 15011, and 15041 as references. FAC Section 14903 says the secretary shall establish regulations that are based upon federal food and drug laws and regulations; this is cited for reference because the proposed section includes requirements from relevant federal regulations. FAC Section 15011 says the

director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section specifies safety requirements for free-choice feeds. FAC Section 15041 says commercial feed is adulterated if it contains a substance in an amount specified as being unsafe, a valuable ingredient is omitted or substituted for something less valuable, its composition differs from its labeling, or it contains a drug or other additive but the manufacturing, processing, or packaging methods, facilities, or controls do not conform to requirements; this is cited for reference because this section specifies safety requirements for free-choice feeds.

Section 2705. Standards Not Changed by Addition of Screenings. [Repealed]

The title of **Section 2705** is being amended to **Labeling and Use of Feed Through Pesticides**. Provisions regarding standards not changed by addition of screenings were repealed in a previous rulemaking and this section number is being reused.

Section 2705(a) is being adopted to specify that feed through pesticides must meet the requirements of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). This is necessary to clarify that only pesticides that meet FIFRA requirements are allowed for use in commercial feed.

Section 2705(b) is being adopted to specify that each delivery of commercial feed containing feed through pesticides shall have a label, invoice, or delivery document stating the information specified in the following subparagraphs. This is modeled after the requirements for medicated feed and is necessary to ensure safe and effective use of these products.

Section 2705(b)(1) is being adopted to require each delivery of commercial feed containing feed through pesticides to have a label, invoice, or delivery document stating the name and quantity of each feed through pesticide. This is modeled after the requirements for medicated feed and is necessary to ensure safe and effective use of these products. This also fulfills requirements for custom blends to include the composition of the mixture.

Section 2705(b)(2) is being adopted to require each delivery of commercial feed containing feed through pesticides to have a label, invoice, or delivery document stating the purpose of each feed through pesticide. This is modeled after the requirements for medicated feed and is necessary to ensure safe and effective use of these products.

Section 2705(b)(3) is being adopted to require each delivery of commercial feed containing feed through pesticides to have a label, invoice, or delivery document containing adequate directions enabling safe and effective use, including feeding rate and mixing directions to ensure it is used in accordance with the labeling on the EPA-registered pesticide used in the feed. This is modeled after the requirements for

medicated feed and is necessary to ensure safe and effective use of these products. This also fulfills requirements for custom blends to include end-use labeling.

Section 2705(b)(4) is being adopted to require each delivery of commercial feed containing feed through pesticides to have a label, invoice, or delivery document stating warnings, caution statements, withdrawal warnings when necessary, and other mandatory labeling information. This is modeled after the requirements for medicated feed and is necessary to ensure safe and effective use of these products.

Section 2705 Note is being amended to change the reference from FAC Sections 15041(b) and (c) to 15041 generally. This is necessary because FAC Sections 15041(b) and (c) are too specific and refer only to omissions/substitutions and differences in composition. This note is also being amended to cite FAC Sections 14903, 14992, and 15011 as references. FAC Section 14903 says the secretary shall establish regulations that are based upon federal food and drug laws and regulations; this is cited for reference because the proposed section includes requirements from relevant federal regulations. FAC Section 14992 lists basic label requirements; this is cited for reference because the proposed section further clarifies these requirements. FAC Section 15011 says the director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section specifies safety requirements for feed-through pesticides.

Section 2706. Materials Requiring Percentage Listings. [Repealed]

The title of **Section 2706** is being amended to **Labeling and Use of Feeds Containing Added Chromium**. Provisions regarding materials requiring percentage listings were repealed in a previous rulemaking and this section number is being reused.

Section 2706(a) is being adopted to create a subparagraph specifying maximum levels by species of chromium from all sources of supplemental chromium. This is necessary to maintain outline structure and facilitate precise citation.

Section 2706(a)(1) is being adopted to specify chromium from all sources of supplemental chromium cannot exceed a level of 0.2 parts per million of the complete feeds for broiler chickens, growing turkeys, and swine. These provisions have been relocated from Section 2790(x) Chromium Tripicolinate and Section 2790(kkkk) Chromium Propionate for ease of reference and because these limits apply to all formula feed containing chromium, not just the ingredients defined in Section 2790. This is necessary for consistency with the national standards in the AAFCO Official Publication and Code of Federal Regulations, Title 21, Section 573.304.

Section 2706(a)(2) is being adopted to specify chromium from all sources of supplemental chromium cannot exceed a level of 0.5 parts per million of the complete feed for cattle. These provisions have been relocated from Section 2790(kkkk) Chromium Propionate for ease of reference and because this limit applies to all formula

feed containing chromium, not just the ingredient defined in Section 2790. This is necessary for consistency with the national standards in the AAFCO Official Publication.

Section 2706(a)(3) is being adopted to specify chromium from all sources of supplemental chromium cannot exceed an intake of four (4) milligrams per horse per day. These provisions have been relocated from Section 2790(kkkk) Chromium Propionate for ease of reference and because this limit applies to all formula feed containing chromium, not just the ingredient defined in Section 2790. This is necessary for consistency with the national standards in the AAFCO Official Publication.

Section 2706(b) is being adopted to create a subparagraph specifying the information that must be included on the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species. This is necessary to maintain outline structure and facilitate precise citation. This specifies when the following requirements apply. This is similar in intent to the statement in Code of Federal Regulations, Title 21, Section 573.304 that it applies to “any feed premix,” but further clarifies that any type of feed which includes the additive at levels which would require further mixing or feeding a limited amount of the feed would require such labeling to ensure safe use.

Section 2706(b)(1) is being adopted to specify the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species must include a guarantee for added chromium content. This is consistent with Code of Federal Regulations, Title 21, Section 573.304; it is necessary to guarantee the amount in the feed to ensure the maximum rate is not exceeded.

Section 2706(b)(2) is being adopted to specify the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species must include feeding and/or mixing directions that bear adequate directions for the safe and permitted use of a feed containing added chromium, including the maximum permitted levels of use for a specific species. This is consistent with Code of Federal Regulations, Title 21, Section 573.304 and is necessary to ensure safe use.

Section 2706(b)(3) is being adopted to specify the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species must include the statement “Caution: Follow label directions.” This is consistent with Code of Federal Regulations, Title 21, Section 573.304 and is necessary to ensure safe use.

Section 2706(b)(3)(A) is being adopted to specify the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species must include the statement “Caution: Follow label directions” and, consistent with the directions for use, “Chromium from all sources of supplemental chromium cannot exceed 0.2 parts per million of the complete feed for broiler chickens,

growing turkeys, and swine.” This is consistent with Code of Federal Regulations, Title 21, Section 573.304 and is necessary to ensure safe use.

Section 2706(b)(3)(B) is being adopted to specify the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species must include the statement “Caution: Follow label directions” and consistent with the directions for use, “Chromium from all sources of supplemental chromium cannot exceed 0.5 parts per million of the complete feed for cattle.” This is consistent with the national standards in the AAFCO Official Publication and is necessary to ensure safe use.

Section 2706(b)(3)(C) is being adopted to specify the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species must include the statement “Caution: Follow label directions” and, consistent with the directions for use, “Chromium from all sources of supplemental chromium cannot exceed four (4) milligrams per horse per day.” This is consistent with the national standards in the AAFCO Official Publication and is necessary to ensure safe use.

Section 2706(b)(3)(D) is being adopted to specify the label of commercial feeds containing added chromium at levels in excess of the daily maximum level allowed for the intended species must include the statement “Caution: Follow label directions” and, consistent with the directions for use, to allow the statement “The addition to feed of higher levels of this premix containing chromium is not permitted” for chromium premixes in lieu of the statements specified in subparagraphs (A) through (C). This is necessary to allow flexibility in label requirements for premixes which may be intended for multiple species, or that may also have selenium or other additives; rather than listing multiple caution statements, these products may use this statement.

Section 2706(c) is being adopted to create a subparagraph specifying what must be included on the daily inventory record for premixes that contain more than 181.4 milligrams per pound (400 parts per million) added chromium. This is necessary to maintain outline structure and facilitate precise citation. This is based on similar requirements developed for selenium. While Code of Federal Regulations, Title 21, Section 573.304 requires the manufacturer to follow good manufacturing practices, this more specific requirement is necessary to help ensure proper use of the additive.

Section 2706(c)(1) is being adopted to specify the daily inventory record for premixes that contain more than 181.4 milligrams per pound (400 parts per million) added chromium must include the quantity of chromium premixes on hand at the beginning and end of the workday (up to 24 hours). This is based on similar requirements developed for selenium. While Code of Federal Regulations, Title 21, Section 573.304 requires the manufacturer to follow good manufacturing practices, this more specific requirement is necessary to help ensure proper use of the additive.

Section 2706(c)(2) is being adopted to specify the daily inventory record for premises that contain more than 181.4 milligrams per pound (400 parts per million) added chromium must include a daily comparison of the actual amount of chromium premix used, with the theoretical or calculated usage. This is based on similar requirements developed for selenium. While Code of Federal Regulations, Title 21, Section 573.304 requires the manufacturer to follow good manufacturing practices, this more specific requirement is necessary to help ensure proper use of the additive.

Section 2706(c)(3) is being adopted to specify the daily inventory record for premises that contain more than 181.4 milligrams per pound (400 parts per million) added chromium must include actions taken to reconcile any discrepancies. This is based on similar requirements developed for selenium. While Code of Federal Regulations, Title 21, Section 573.304 requires the manufacturer to follow good manufacturing practices, this more specific requirement is necessary to help ensure proper use of the additive.

Section 2706(d) is being adopted to require premix manufacturers to follow good manufacturing practices, maintain accurate production history, implement controls to assure correct labeling, and include analysis to monitor quality. While similar in intent to CFR 573.304(d)(2), this language is consistent with the requirements for selenium premixes. This is necessary for consistency.

Section 2706(e) is being adopted to specify chromium shall be incorporated into complete feed by adding no less than one (1) pound of a premix containing no more than 181.4 milligrams (400 ppm) of added chromium per pound. This is consistent with Code of Federal Regulations, Title 21, Section 573.304 and is necessary to ensure safe use.

Section 2706 Note is being amended to change the reference from FAC Section 14992(d) to Section 14992 generally. This is necessary because FAC Section 14992(d) is too specific and refers only to guaranteed analysis. This note is also being amended to cite FAC Sections 14903, 15011, and 15041 as references. FAC Section 14903 says the secretary shall establish regulations that are based upon federal food and drug laws and regulations; this is cited for reference because the proposed section includes requirements from relevant federal regulations. FAC Section 15011 says the director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section specifies safety requirements for feeds containing added chromium. FAC Section 15041 says commercial feed is adulterated if it contains a substance in an amount specified as being unsafe, a valuable ingredient is omitted or substituted for something less valuable, its composition differs from its labeling, or it contains a drug or other additive but the manufacturing, processing, or packaging methods, facilities, or controls do not conform to requirements; this is cited for reference because this section specifies safety requirements for feeds containing added chromium.

Section 2707. Use of Non-Protein Nitrogen Products.

The title of **Section 2707** is being amended to **Labeling and Use of Non-Protein Nitrogen Products**. This is necessary to more accurately describe the content of this section.

Section 2707(b) is being amended to specify that formula feed containing more than 1.25 percent equivalent crude protein from all forms of non-protein nitrogen shall include the specified guarantee. This is necessary for consistency and is based on the AAFCO Model Bill. This has been a common industry practice for years, as sometimes ingredients which are a source of non-protein nitrogen, such as ammonium chloride, are added in formula feed in small amounts for reasons other than to provide a source of nitrogen. This requirement is necessary to specify the threshold at which the following label requirements are needed.

Section 2707(c) is being amended to specify that formula feed intended for non-ruminants that contains non-protein nitrogen shall include the statement "This includes not more than [X]% equivalent crude protein from non-protein nitrogen which is not nutritionally available to [specify species of animal for which feed is intended]" immediately following the guarantee for minimum percent of crude protein. This is necessary because the requirements being updated for consistency with AAFCO are different depending on whether the feed is intended for ruminants or other animals. Typically, non-protein nitrogen is only included in feed for ruminants because they can utilize the nitrogen as protein. Non-ruminant animals cannot utilize nitrogen as protein; therefore, this label statement is necessary to provide consumer protection and education.

Section 2707(d) is being adopted to relocate existing Section 2707(c) and modified to specify the existing threshold of 8.75 percent equivalent crude protein applies to feed intended for ruminants and to specify an additional threshold of 1.25 percent for feed intended for non-ruminants. The existing requirement of 8.75 percent equivalent crude protein has always been intended to apply to ruminants because these ingredients are never used in that amount in non-ruminant feeds. However, this edit is necessary to clarify applicability for ruminants and also adds requirements for non-ruminants at the lower threshold. This section is also being modified to clarify that the requirements apply to formula feed specifically rather than all commercial feed. This is necessary because the requirements are not intended to apply to ingredient sources of non-protein nitrogen. This is consistent with AAFCO which uses the terms "complete feed, supplements, and concentrates" which are all formula feeds.

Section 2707(d)(1) is being amended to specify the following warning statement, to add this feed contains non-protein nitrogen to the warning statement, and to add punctuation. This is necessary for clarity. The caution statement as it appears on the label should be clear as to the reason why it is being included. The intent is to avoid the inclusion of a generic warning statement on every label.

Section 2707 Note is being amended to change the reference from FAC Sections 14992(d) and (f) to Section 14992 generally. This is necessary because FAC Sections 14992(d) and (f) are too specific and refer only to guaranteed analysis and adequate directions, warnings, and caution statements. This note is also being amended to cite FAC Sections 14903, 15011, and 15041 as references. FAC Section 14903 says the secretary shall establish regulations that are based upon federal food and drug laws and regulations; this is cited for reference because the proposed section includes requirements from relevant federal regulations. FAC Section 15011 says the director shall fix the standards for commercial feed to ensure the safety of animals and products for human consumption; this is cited for reference because this section specifies safety requirements for non-protein nitrogen products. FAC Section 15041 says commercial feed is adulterated if it contains a substance in an amount specified as being unsafe, a valuable ingredient is omitted or substituted for something less valuable, its composition differs from its labeling, or it contains a drug or other additive but the manufacturing, processing, or packaging methods, facilities, or controls do not conform to requirements; this is cited for reference because this section specifies safety requirements for non-protein nitrogen.

Section 2708. Vitamin Premixes.

Section 2708 is being repealed. These provisions are duplicative and are addressed by changes to Sections 2691(h), 2695, 2696(e)(6), 2697(a), and 2699. This is necessary for reorganization.

ARTICLE 14. RECOGNIZED OFFICIAL NAMES

Section 2778. Collective Terms.

Section 2778(a) is being amended to general provisions. This is necessary for consistency and to maintain organization.

Section 2778(a)(1) is being adopted to specify the definition of collective terms. This is necessary for consistency with the AAFCO Official Publication.

Section 2778(a)(2) is being adopted to clarify that products shall correspond to the descriptor and category. This is necessary for consistency with the AAFCO Official Publication.

Section 2778(a)(3) is being adopted to specify that when a collective term is used, individual ingredients within the group cannot be listed on the label. This is necessary for consistency with the AAFCO Official Publication.

Section 2778(a)(4) is being adopted to specify that the manufacturer shall provide, upon request, the ingredients used within each collective term. This is necessary for consistency with the AAFCO Official Publication.

Section 2778(a)(5) is being adopted to specify that collective terms shall only be used in the labeling of products as permitted in Sections 2778 (b), (c), (d), (e), (f), (g) and (h) and to prohibit use of any other collective terms. This is necessary to ensure certain collective terms are not used on bulk and custom formula products intended for precision feeding, which is necessary for California's unique feed industry.

Section 2778(b) is being amended to define the collective term Animal Protein Products. This is necessary for consistency with the AAFCO Official Publication. This definition has been modified to specify that Animal Protein Products may only be used as an ingredient name on packaged feed for retail sale. This is necessary to streamline interstate commerce of retail products while ensuring this term is not used on bulk and custom formula products intended for precision feeding, which is necessary for California's unique feed industry. The definition of Grain Products is being relocated to Section 2778(d); this is necessary to ensure terms are listed in alphabetical order.

Section 2778(b)(1) is being amended to specify which Animal Products may be included under the collective term Animal Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2774 for ingredient definitions; this is necessary for ease of reference. Grain Sorghums that may be included under the collective term Grain Products are being relocated to Section 2778(d)(1); this is necessary for reorganization.

Section 2778(b)(2) is being amended to specify which Milk Products may be included under the collective term Animal Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2789 for ingredient definitions; this is necessary for ease of reference. Maize Products that may be included under the collective term Grain Products are being relocated to Section 2778(d)(2); this is necessary for reorganization.

Section 2778(b)(3) is being amended to specify which Marine Products may be included under the collective term Animal Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2788 for ingredient definitions; this is necessary for ease of reference. Oat Products that may be included under the collective term Grain Products are being relocated to Section 2778(d)(3); this is necessary for reorganization.

Section 2778(b)(4) is being repealed. Rice Products that may be included under the collective term Grain Products are being relocated to Section 2778(d)(4); this is necessary for reorganization.

Section 2778(b)(5) is being repealed. Whole Grains that may be included under the collective term Grain Products are being relocated to Section 2778(d)(5); this is necessary for reorganization.

Section 2778(c) is being amended to define the collective term Forage Products. This is necessary for consistency with the AAFCO Official Publication. This definition has been modified to specify that Forage Products may only be used as an ingredient name on packaged feed for retail sale. This is necessary to streamline interstate commerce of retail products while ensuring this term is not used on bulk and custom formula products intended for precision feeding, which is necessary for California's unique feed industry. The definition of the collective term Roughage Products is being relocated to Section 2778(h); this is necessary to ensure terms are listed in alphabetical order.

Section 2778(c)(1) is being amended to specify which Alfalfa Products may be included under the collective term Forage Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2771 for ingredient definitions; this is necessary for ease of reference. Almond Hull Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(1); this is necessary for reorganization.

Section 2778(c)(2) is being amended to specify which Corn Products may be included under the collective term Forage Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2779 for ingredient definitions; this is necessary for ease of reference. Barley Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(2); this is necessary for reorganization.

Section 2778(c)(3) is being amended to specify which Lespedeza Products may be included under the collective term Forage Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2787 for ingredient definitions; this is necessary for ease of reference. Brewers Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(3); this is necessary for reorganization.

Section 2778(c)(4) is being amended to specify which Miscellaneous Products may be included under the collective term Forage Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2791 for ingredient definitions; this is necessary for ease of reference. Citrus Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(4); this is necessary for reorganization.

Section 2778(c)(5) is being amended to specify which Other Oilseed Products may be included under the collective term Forage Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2795 for ingredient definitions; this is necessary for ease of reference. Corn Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(5); this is necessary for reorganization.

Section 2778(c)(6) is being amended to specify which Soybean Products may be included under the collective term Forage Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2803 for ingredient definitions; this is necessary for ease of reference. Cottonseed Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(6); this is necessary for reorganization.

Section 2778(c)(7) is being repealed. Human Food By-Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(7) and is necessary for reorganization.

Section 2778(c)(8) is being repealed. Miscellaneous Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(8) and is necessary for reorganization.

Section 2778(c)(9) is being repealed. Molasses and Molasses Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(9) and is necessary for reorganization.

Section 2778(c)(10) is being repealed. Oat Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(10) and is necessary for reorganization.

Section 2778(c)(11) is being repealed. Other Oilseed Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(11) and is necessary for reorganization.

Section 2778(c)(12) is being repealed. Rice Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(12) and is necessary for reorganization.

Section 2778(c)(13) is being repealed. Rye Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(13) and is necessary for reorganization.

Section 2778(c)(14) is being repealed. Soybean Products that may be included under the collective term Roughage Products are being relocated to Section 2778(h)(14) and is necessary for reorganization.

Section 2778(d) is being adopted to define the collective term Grain Products. This is necessary for consistency with the AAFCO Official Publication. This definition has been modified to specify that Grain Products may be used as an ingredient name for bulk feed, custom formula feed, and packaged feed for retail sale. This is necessary to clarify that bulk and custom formula feeds may continue utilizing this collective term, as has been allowed historically. This definition includes existing restrictions for substitutions

and acceptable forms relocated from Section 2778(b); this is necessary for reorganization.

Section 2778(d)(1) is being adopted to relocate Grain Sorghums that may be included under the collective term Grain Products from Section 2778(b)(1). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2785 for ingredient definitions; this is necessary for ease of reference.

Section 2778(d)(2) is being adopted to relocate Corn Products that may be included under the collective term Grain Products from Section 2778(b)(2). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is also being modified to use the term corn instead of maize and reference Section 2779 for ingredient definitions; this is necessary for consistency with the terminology used in Section 2779 and for ease of reference.

Section 2778(d)(3) is being adopted to relocate Oat Products that may be included under the collective term Grain Products from Section 2778(b)(3). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2794 for ingredient definitions; this is necessary for ease of reference.

Section 2778(d)(4) is being adopted to relocate Rice Products that may be included under the collective term Grain Products from Section 2778(b)(4). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2799 for ingredient definitions; this is necessary for ease of reference.

Section 2778(d)(5) is being adopted to relocate Whole Grains that may be included under the collective term Grain Products from Section 2778(b)(5). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2808 for ingredient definitions; this is necessary for ease of reference.

Section 2778(e) is being adopted to define the collective term Molasses Products. This is necessary for consistency with the AAFCO Official Publication. This definition has been modified to specify that Molasses Products may only be used as an ingredient name on packaged feed for retail sale. This is necessary to streamline interstate commerce of retail products while ensuring this term is not used on bulk and custom formula products intended for precision feeding, which is necessary for California's unique feed industry.

Section 2778(e)(1) is being adopted to specify which Distillers Products may be included under the collective term Molasses Products. This is necessary for consistency

with the AAFCO Official Publication. This provision has been modified to reference Section 2781 for ingredient definitions; this is necessary for ease of reference.

Section 2778(e)(2) is being adopted to specify which Fermentation Products may be included under the collective term Molasses Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2784 for ingredient definitions; this is necessary for ease of reference.

Section 2778(e)(3) is being adopted to specify which Molasses and Molasses Products may be included under the collective term Molasses Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2792 for ingredient definitions; this is necessary for ease of reference.

Section 2778(e)(4) is being adopted to specify which Yeast ingredients may be included under the collective term Molasses Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2809 for ingredient definitions; this is necessary for ease of reference.

Section 2778(f) is being adopted to define the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication. This definition has been modified to specify that Plant Protein Products may only be used as an ingredient name on packaged feed for retail sale. This is necessary to streamline interstate commerce of retail products while ensuring this term is not used on bulk and custom formula products intended for precision feeding, which is necessary for California's unique feed industry.

Section 2778(f)(1) is being adopted to specify which Cottonseed Products may be included under the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2780 for ingredient definitions; this is necessary for ease of reference.

Section 2778(f)(2) is being adopted to specify which Human Food By-Products may be included under the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2786 for ingredient definitions; this is necessary for ease of reference.

Section 2778(f)(3) is being adopted to specify which Miscellaneous Products may be included under the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2791 for ingredient definitions; this is necessary for ease of reference.

Section 2778(f)(4) is being adopted to specify which Other Oilseed Products may be included under the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2795 for ingredient definitions; this is necessary for ease of reference.

Section 2778(f)(5) is being adopted to specify which Soybean Products may be included under the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2803 for ingredient definitions; this is necessary for ease of reference.

Section 2778(f)(6) is being adopted to specify which Yeast ingredients may be included under the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2809 for ingredient definitions; this is necessary for ease of reference.

Section 2778(f)(7) is being adopted to specify which products with no official definition may be included under the collective term Plant Protein Products. This is necessary for consistency with the AAFCO Official Publication.

Section 2778(g) is being adopted to define the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This definition has been modified to specify that Processed Grain By-Products may only be used as an ingredient name on packaged feed for retail sale. This is necessary to streamline interstate commerce of retail products while ensuring this term is not used on bulk and custom formula products intended for precision feeding, which is necessary for California's unique feed industry.

Section 2778(g)(1) is being adopted to specify which Barley Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2775 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(2) is being adopted to specify which Brewers Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2776 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(3) is being adopted to specify which Corn Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2779 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(4) is being adopted to specify which Distillers Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2781 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(5) is being adopted to specify which Grain Sorghums may be included under the collective term Processed Grain By-Products. This is necessary for

consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2785 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(6) is being adopted to specify which Miscellaneous Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2791 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(7) is being adopted to specify which Oat Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2794 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(8) is being adopted to specify which Other Oilseed Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2795 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(9) is being adopted to specify which Rice Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2799 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(10) is being adopted to specify which Rye Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2800 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(11) is being adopted to specify which Wheat Products may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication. This provision has been modified to reference Section 2807 for ingredient definitions; this is necessary for ease of reference.

Section 2778(g)(12) is being adopted to specify which ingredients with no official definition may be included under the collective term Processed Grain By-Products. This is necessary for consistency with the AAFCO Official Publication.

Section 2778(h) is being adopted to relocate the definition for Roughage Products from Section 2778(c). This is necessary for reorganization and consistency with the AAFCO Official Publication. This definition has been modified to specify that Roughage Products may be used as an ingredient name in bulk feed, custom formula feed, and packaged feed for retail sale. This is necessary to clarify that bulk and custom formula feeds may continue utilizing this collective term, as has been allowed historically.

Section 2778(h)(1) is being adopted to relocate Almond Hull Products that may be included under the collective term Roughage Products from Section 2778(c)(1). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2772 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(2) is being adopted to relocate Barley Products that may be included under the collective term Roughage Products from Section 2778(c)(2). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2775 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(3) is being adopted to relocate Brewers Products that may be included under the collective term Roughage Products from Section 2778(c)(3). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2776 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(4) is being adopted to relocate Citrus Products that may be included under the collective term Roughage Products from Section 2778(c)(4). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2777 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(5) is being adopted to relocate Corn Products that may be included under the collective term Roughage Products from Section 2778(c)(5). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2779 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(6) is being adopted to relocate Cottonseed Products that may be included under the collective term Roughage Products from Section 2778(c)(6). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2780 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(7) is being adopted to relocate Human Food By-Products that may be included under the collective term Roughage Products from Section 2778(c)(7). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2786 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(8) is being adopted to relocate Miscellaneous Products that may be included under the collective term Roughage Products from Section 2778(c)(8). This is necessary for reorganization and consistency with the AAFCO Official Publication. This

provision is being modified to reference Section 2791 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(9) is being adopted to relocate Molasses and Molasses Products that may be included under the collective term Roughage Products from Section 2778(c)(9). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2792 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(10) is being adopted to relocate Oat Products that may be included under the collective term Roughage Products from Section 2778(c)(10). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2794 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(11) is being adopted to relocate Other Oilseed Products that may be included under the collective term Roughage Products from Section 2778(c)(11). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2795 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(12) is being adopted to relocate Rice Products that may be included under the collective term Roughage Products from Section 2778(c)(12). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2799 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(13) is being adopted to relocate Rye Products that may be included under the collective term Roughage Products from Section 2778(c)(13). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2800 for ingredient definitions; this is necessary for ease of reference.

Section 2778(h)(14) is being adopted to relocate Soybean Products that may be included under the collective term Roughage Products from Section 2778(c)(14). This is necessary for reorganization and consistency with the AAFCO Official Publication. This provision is being modified to reference Section 2803 for ingredient definitions; this is necessary for ease of reference.

Section 2789. Milk Products.

Section 2789(b) is being amended to relocate the definition of Casein from Section 2789(f). This is necessary to correct a typographical error which accidentally included the definition of Casein within the definition of Condensed Delactosed Whey Permeate.

This section is also being amended to renumber the definition of Cheese Rind to Section 2789(c). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(c) is being renumbered to Section 2789(d). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(d) is being renumbered to Section 2789(e). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(e) is being renumbered to Section 2789(f). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(f) is being renumbered to Section 2789(g). This is necessary to ensure the terms are listed in alphabetical order. This section is also being amended to remove the definition of Casein. This is necessary to correct a typographical error.

Section 2789(g) is being renumbered to Section 2789(h). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(h) is being renumbered to Section 2789(i). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(i) is being renumbered to Section 2789(j). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(j) is being renumbered to Section 2789(k). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(k) is being renumbered to Section 2789(l). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(l) is being renumbered to Section 2789(m). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(m) is being renumbered to Section 2789(n). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(n) is being renumbered to Section 2789(o). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(o) is being renumbered to Section 2789(p). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(p) is being renumbered to Section 2789(q). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(q) is being renumbered to Section 2789(r). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(r) is being renumbered to Section 2789(s). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(s) is being renumbered to Section 2789(t). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(t) is being renumbered to Section 2789(u). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(u) is being renumbered to Section 2789(v). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(v) is being renumbered to Section 2789(w). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(w) is being renumbered to Section 2789(x). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(x) is being renumbered to Section 2789(y). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(y) is being renumbered to Section 2789(z). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(z) is being renumbered to Section 2789(aa). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(aa) is being renumbered to Section 2789(bb). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(bb) is being renumbered to Section 2789(cc). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(cc) is being renumbered to Section 2789(dd). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(dd) is being renumbered to Section 2789(ee). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(ee) is being renumbered to Section 2789(ff). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(ff) is being renumbered to Section 2789(gg). This is necessary to ensure the terms are listed in alphabetical order.

Section 2789(gg) is being renumbered to Section 2789(hh). This is necessary to ensure the terms are listed in alphabetical order.

Section 2790. Mineral Products.

Section 2790(x) is being amended to remove limits from the definition of Chromium Tripicolinate. These provisions have been relocated to Section 2706 Labeling and Use of Feeds Containing Added Chromium. This is necessary for ease of reference.

Section 2790(kkkk) is being amended to replace the following prescribed conditions with the conditions prescribed in this subchapter. All cautions regarding use of chromium have been relocated to Section 2706 Labeling and Use of Feeds Containing Added Chromium. This is necessary for ease of reference.

Section 2790(kkkk)(2) is being repealed. All cautions regarding use of chromium have been relocated to Section 2706 Labeling and Use of Feeds Containing Added Chromium. This is necessary for ease of reference.

Section 2790(kkkk)(3) is being renumbered to Section 2790(kkkk)(2). This is necessary to maintain organization.

Section 2790(kkkk)(4) is being repealed. All cautions regarding use of chromium have been relocated to Section 2706 Labeling and Use of Feeds Containing Added Chromium. This is necessary for ease of reference.

Section 2790(kkkk)(5) is being repealed. All cautions regarding use of chromium have been relocated to Section 2706 Labeling and Use of Feeds Containing Added Chromium. This is necessary for ease of reference.

Section 2791. Miscellaneous Products.

Section 2791(f) is being repealed. This is necessary to maintain consistency with FDA and AAFCO due to recent discussions regarding dioxin safety concerns.

Section 2791(g) is being renumbered to **Section 2791(f)**. This is necessary for organization and to maintain outline structure.

Section 2791(h) is being renumbered to **Section 2791(g)**. This is necessary for organization and to maintain outline structure.

Section 2791(i) is being renumbered to **Section 2791(h)**. This is necessary for organization and to maintain outline structure.

Section 2791(j) is being renumbered to **Section 2791(i)**. This is necessary for organization and to maintain outline structure.

Section 2791(k) is being renumbered to **Section 2791(j)**. This is necessary for organization and to maintain outline structure.

Section 2791(l) is being renumbered to **Section 2791(k)**. This is necessary for organization and to maintain outline structure.

Section 2791(m) is being renumbered to **Section 2791(l)**. This is necessary for organization and to maintain outline structure.

Section 2791(n) is being renumbered to **Section 2791(m)**. This is necessary for organization and to maintain outline structure.

Section 2791(o) is being renumbered to **Section 2791(n)**. This is necessary for organization and to maintain outline structure.

Section 2791(p) is being renumbered to **Section 2791(o)**. This is necessary for organization and to maintain outline structure.

Section 2791(q) is being renumbered to **Section 2791(p)**. This is necessary for organization and to maintain outline structure.

Section 2791(r) is being renumbered to **Section 2791(q)**. This is necessary for organization and to maintain outline structure.

Section 2791(s) is being renumbered to **Section 2791(r)**. This is necessary for organization and to maintain outline structure.

Section 2791(t) is being renumbered to **Section 2791(s)**. This is necessary for organization and to maintain outline structure.

Section 2791(u) is being renumbered to **Section 2791(t)**. This is necessary for organization and to maintain outline structure.

Section 2791(v) is being renumbered to **Section 2791(u)**. This is necessary for organization and to maintain outline structure.

Section 2791(w) is being renumbered to **Section 2791(v)**. This is necessary for organization and to maintain outline structure.

Section 2791(x) is being renumbered to **Section 2791(w)**. This is necessary for organization and to maintain outline structure.

Section 2791(y) is being renumbered to **Section 2791(x)**. This is necessary for organization and to maintain outline structure.

Section 2791(z) is being renumbered to **Section 2791(y)**. This is necessary for organization and to maintain outline structure.

Section 2791(aa) is being renumbered to **Section 2791(z)**. This is necessary for organization and to maintain outline structure.

Section 2791(bb) is being renumbered to **Section 2791(aa)**. This is necessary for organization and to maintain outline structure.

Section 2791(cc) is being renumbered to **Section 2791(bb)**. This is necessary for organization and to maintain outline structure.

Section 2791(dd) is being renumbered to **Section 2791(cc)**. This is necessary for organization and to maintain outline structure.

Section 2791(ee) is being renumbered to **Section 2791(dd)**. This is necessary for organization and to maintain outline structure.

Section 2791(ff) is being renumbered to **Section 2791(ee)**. This is necessary for organization and to maintain outline structure.

Section 2791(gg) is being renumbered to **Section 2791(ff)**. This is necessary for organization and to maintain outline structure.

Section 2791(hh) is being renumbered to **Section 2791(gg)**. This is necessary for organization and to maintain outline structure.

Section 2791(ii) is being renumbered to **Section 2791(hh)**. This is necessary for organization and to maintain outline structure.

Section 2791(jj) is being renumbered to **Section 2791(ii)**. This is necessary for organization and to maintain outline structure.

Section 2791(kk) is being renumbered to **Section 2791(jj)**. This is necessary for organization and to maintain outline structure.

Section 2791(ll) is being renumbered to **Section 2791(kk)**. This is necessary for organization and to maintain outline structure.

Section 2791(mm) is being renumbered to **Section 2791(ll)**. This is necessary for organization and to maintain outline structure.

Section 2791(nn) is being renumbered to **Section 2791(mm)**. This is necessary for organization and to maintain outline structure.

Section 2791(oo) is being renumbered to **Section 2791(nn)**. This is necessary for organization and to maintain outline structure.

Section 2791(pp) is being renumbered to **Section 2791(oo)**. This is necessary for organization and to maintain outline structure.

Section 2791(qq) is being renumbered to **Section 2791(pp)**. This is necessary for organization and to maintain outline structure.

Section 2791(rr) is being renumbered to **Section 2791(qq)**. This is necessary for organization and to maintain outline structure.

Section 2791(ss) is being renumbered to **Section 2791(rr)**. This is necessary for organization and to maintain outline structure.

Section 2791(tt) is being renumbered to **Section 2791(ss)**. This is necessary for organization and to maintain outline structure.

DOCUMENTS INCORPORATED BY REFERENCE

FDA Compliance Policy Guide Sec. 575.100 Pesticide Residues in Food and Feed - Enforcement Criteria, March 1995. <https://www.fda.gov/regulatory-information/search-fda-guidance-documents/cpg-sec-575100-pesticide-residues-food-and-feed-enforcement-criteria>

Publishing the document referenced above in the CCR would be cumbersome, unduly expensive, or otherwise impractical due to its length. Incorporation by reference is appropriate because this document is reasonably available to the affected public from a commonly known or specified source.

TECHNICAL, THEORETICAL, AND/OR EMPIRICAL STUDY, REPORTS, OR OTHER DOCUMENTS RELIED UPON

Association of American Feed Control Officials Official Publication
<https://www.aafco.org/resources/official-publication/>

ECONOMIC IMPACT ASSESSMENT/ANALYSIS

California Government Code Section 11346.3 requires state agencies to assess the potential economic impacts on California businesses and individuals when proposing to adopt or amend any administrative regulation. The Department has initially determined that the proposed regulatory action will not have a negative economic impact on any business. These clarifying changes are technical in nature and will not have a negative

economic or fiscal impact on the commercial feed industry, related businesses, or the general public. The proposed regulatory action may have a positive economic impact on the commercial feed industry by providing clarity, increasing consistency with national standards, and reducing the need for separate product labels for products in California.

The Department concludes that these regulations:

- (1) Will not require any additional ongoing expenses for compliant individuals or businesses.
- (2) Will not create or eliminate jobs within the state.
- (3) Will not create new businesses or eliminate existing businesses within the State of California.
- (4) Will not affect the expansion of businesses currently operating within the State of California.
- (5) Will benefit the health and welfare of California residents utilizing feed for their livestock by increasing consistency with national standards, increasing clarity for the regulated industry, avoiding disruptions to interstate commerce, and enhancing feed safety and consumer protection.
- (6) Will not affect worker safety, or the state's environment.

EVIDENCE SUPPORTING FINDING OF NO SIGNIFICANT STATEWIDE ADVERSE ECONOMIC IMPACT DIRECTLY AFFECTING BUSINESS

The proposed changes have no significant statewide adverse economic impact directly affecting business. The proposed changes are updates to definitions and labeling standards to help modernize and clarify requirements, as well as amendments that are technical in nature and will make California's regulations consistent with national standards.

REASONABLE ALTERNATIVES TO THE REGULATIONS AND THE DEPARTMENT'S REASONS FOR REJECTING THOSE ALTERNATIVES

Pursuant to Government Code Section 11346.9(a)(4), the Department has determined that no alternative considered by the agency would be more effective in carrying out the purpose for which the regulation is proposed, would be as effective and less burdensome to affected private persons than the adopted regulation, or would be more cost effective to affected private persons and equally effective in implementing the statutory policy or other provision of law.

In accordance with Government Code Section 11346.5(a)(13), the Department must determine that no reasonable alternative considered or that has otherwise been

identified and brought to its attention would be more effective in carrying out the purpose for which the action is proposed, would be as effective and less burdensome to affected private persons than the proposed action, or would be more cost-effective to affected private persons and equally effective in implementing the statutory policy or other provision of law.

Pursuant to Government Code section 11346.9(a)(5), if anyone proposes an alternative that would lessen the adverse economic impact on small businesses, the final statement of reasons must include an explanation setting forth the Department's reasons for rejecting any proposed alternatives.

DUPLICATION OR CONFLICT WITH FEDERAL REGULATIONS

The proposed regulations do not conflict with federal regulations but do include references to the Code of Federal Regulations and the federal Food, Drug, and Cosmetic Act. This is necessary for clarity, consistency, and to maximize ease of reference for the regulated industry.