§ 93.11 Definitions.

Words used in the regulations in this subpart in the singular form will import the plural, and vice versa, as the case may demand. As used throughout the regulations in this subpart, unless the context requires otherwise, the following terms will be construed to mean:

Aflatoxin. A toxic metabolite produced by the molds Aspergillus flavus, Aspergillus parasiticus, and Aspergillus nomius. The aflatoxin compounds fluoresce when viewed under UV light as follows: aflatoxin B₁ and derivatives with a blue fluorescence, aflatoxin B₂ with a blue-violet fluorescence, aflatoxin G₁ with a green fluorescence, aflatoxin G₂ with a green-blue fluorescence, aflatoxin M₁ with a blue-violet fluorescence, and aflatoxin M₂ with a violet fluorescence. These closely related molecular structures are referred to as aflatoxin B₁, B₂, G₁, G₂, M₁, M₂, GM₁, B₂a, G₂a, R₀, B₃, 1-OCH₃B₂, and 1-CH₃G₂.

Peanut Administrative Committee (PAC). The committee established under the United States Department of Agriculture Marketing Agreement for Peanuts, 7 CFR part 998, which administers the terms and provisions of this Agreement, including the aflatoxin control program for domestically produced raw peanuts, for peanut shellers. The Peanut Administrative Committee (PAC) headquarters are at 2337 Lafayette Plaza Drive Suite A; Albany, Georgia 31707.

Peanut Marketing Agreement. The agreement concerning the regulations and instructions set forth since July 12, 1965, by the Peanut Administrative Committee for the marketing of peanuts entered into by handlers of domestically produced raw peanuts, for peanut shellers. The Peanut Administrative Committee (PAC) headquarters are at 2337 Lafayette Plaza Drive Suite A; Albany, Georgia 31707.

§ 93.12 Analyses available and locations of laboratories.

(a) Aflatoxin testing services. The aflatoxin analyses for peanuts, peanut products, dried fruits, grains, edible seeds, tree nuts, shelled corn products, cottonseed, oilseed products and other commodities are performed at the following 6 locations for AMS Science and Technology (S&T) Aflatoxin Laboratories:

(1) USDA, AMS, S&T
1211 Schley Avenue, Albany, GA 31707.

(2) USDA, AMS, S&T
○ Golden Peanut Company, Mail: P.O. Box 279, 301 West Pearl Street, Aulander, NC 27805.

(3) USDA, AMS, S&T
610 North Main Street, Blakely, GA 31723.

(4) USDA, AMS, S&T
107 South Fourth Street, Madill, OK 73446.

(5) USDA, AMS, S&T
○ Cargill Peanut Products, Mail: P.O. Box 272, 715 North Main Street, Dawson, GA 31742-0272.

(6) USDA, AMS, S&T
Mail: P.O. Box 1130, 308 Culloden Street, Suffolk, VA 23434.

(b) Peanuts, peanut products, and oilseed testing services. (1) The Science and Technology (S&T) Aflatoxin Laboratories at Madill, Oklahoma and Blakely, Georgia will perform other analyses for peanuts, peanut products, and a variety of oilseeds. The analyses for oilseeds include testing for free fatty acids, ammonia, nitrogen or protein, moisture and volatile matter, foreign matter, and oil (fat) content.

(2) All of the analyses described in paragraph (b)(1) of this section performed on a single seed sample are billed at the rate of one hour per sample. Any single seed analysis performed on a single sample is billed at the rate of one-half hour per sample. The standard hourly rate shall be as specified in §91.37(a) of this subchapter.

(c) Vegetable oil testing services. The analyses for vegetable oils are performed at the USDA, AMS, Science and Technology (S&T) Midwestern Laboratory, 3570 North Avondale Avenue, Chicago, IL 60618-5391. The analyses for vegetable oils will include the flash point test, smoke point test, acid
Agricultural Marketing Service, USDA

§ 93.13 Analytical methods.

Official analyses for peanuts, nuts, corn, oilseeds, and related vegetable oils are found in the following manuals:


(b) ASTA’s Analytical Methods Manual, American Spice Trade Association (ASTA), 560 Sylvan Avenue, P.O. Box 1287, Englewood Cliffs, New Jersey 07632.

(c) Analyst’s Instruction for Aflatoxin (August 1994), S&T Instruction No. 1, USDA, Agricultural Marketing Service, Science and Technology, 3521 South Agriculture Building, 1400 Independence Avenue, SW., P.O. Box 96456, Washington, DC 20090–6456.

(d) Official Methods and Recommended Practices of the American Oil Chemists’ Society (AOCS), American Oil Chemists’ Society, P.O. Box 3489, 2211 West Bradley Avenue, Champaign, Illinois 61821–1827.

(e) Official Methods of Analysis of AOAC INTERNATIONAL, Volumes I & II, AOAC INTERNATIONAL, 481 North Frederick Avenue, Suite 500, Gaithersburg, MD 20877–2417.

(f) Standard Analytical Methods of the Member Companies of Corn Industries Research Foundation, Corn Refiners Association (CRA), 1701 Pennsylvania Avenue, NW., Washington, DC 20006.


[65 FR 64317, Oct. 26, 2000]

§ 93.14 Fees for aflatoxin analysis and fees for testing of other mycotoxins.

(a) The fee charged for any laboratory analysis for aflatoxins and other mycotoxins shall be obtained from the Laboratory Director for aflatoxin laboratories at the Dothan administrative office as follows: USDA, AMS, Science & Technology, 3119 Wesly Avenue, Suite 6, Dothan, Alabama 36305, Voice Phone: 334–794–5070, Facsimile: 334–792–1432.

(b) The charge for the aflatoxin testing of raw peanuts under the Peanut Marketing Agreement for subsamples 1–AB, 2–AB, 3–AB, and 1–CD is a set cost per pair of analyses and shall be set by cooperative agreement between the Peanut Administrative Committee and AMS Science and Technology program.

[65 FR 66317, Oct. 26, 2000]

§ 93.15 Fees for analytical testing of oilseeds.

The fee charged for any laboratory analysis for oilseeds shall be obtained from the Laboratory Director for aflatoxin laboratories at the Dothan administrative office as listed in 7 CFR 93.14(a).

[65 FR 66318, Oct. 26, 2000]