

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, B_{2a}, G_{2a}, 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 2537 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 peanuts under the authority of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601 et seq.).

Peanuts. The seeds of the legume *Arachis hypogaea*, and includes both inshell and shelled nuts.

Seed. Any vegetable or other agricultural plant ovule having an embryo that is capable of germinating to produce a plant.

[61 FR 51351, Oct. 2, 1996, as amended at 63 FR 16375, Apr. 2, 1998; 66 FR 64317, Oct. 26, 2000]

§ 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
c/o 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
c/o 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 value, peroxide value, phosphorus in oil, and specific gravity. The fee charged for any single laboratory analysis for vegetable oils shall be obtained from the Midwestern Laboratory Director and it is based on the hourly fee rates and charges as specified in 7 CFR part 91, subpart I.

[65 FR 64317, Oct. 26, 2000]

§ 93.13 Analytical methods.

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

- (a) Approved Methods of the American Association of Cereal Chemists