than 16 ounces, enough containers to provide a total quantity of at least 24 pounds of nuts.

(2) If compliance with § 164.120(c) is to be determined, first follow the procedure set forth therein.

(3) Determine the percent by weight of each nut ingredient present in each container separately. Calculate the average percentage of each nut ingredient present. If the average percent found for each nut ingredient present is 2 percent or more and none of the individual nut ingredients exceeds 80 percent by weight of the finished food, the lot will be deemed to be in compliance with the percentage requirements of paragraph (a) of this section. If the average percent found for a single nut ingredient exceeds 50 percent by weight of the finished food and the average percent found is within the range indicated by the number declared on the label in accordance with this paragraph, the lot will be deemed to be in compliance with the labeling requirements of this paragraph.

(e) *Label declaration.* Each of the ingredients used in the food shall be declared on the label as required by the applicable sections of parts 101 and 130 of this chapter, except that:

(1) If the Spanish variety of peanuts is used, it shall be declared as ''Spanish peanuts''. Other varieties of peanuts shall be declared as ''peanuts'', or alternatively ''_____ peanuts'', the blank being filled in with the varietal name of the peanuts used.

(2) If the peanut ingredient or ingredients as provided for in paragraph (b)(2) of this section are unblanched, the label shall show that fact by such statement as ''Peanuts unblanched'', ''Peanuts skins on'', or words of similar import, unless the vignette clearly depicts peanuts with skins on.

(f) The words and statements specified in paragraph (e) of this section showing the ingredients present shall be listed on the principal display panel or panels or any appropriate information panel without obscuring design, vignettes, or crowding. The declaration shall appear in conspicuous and easily legible letters of boldface print or type the size of which shall be not less than one-half of that required by part 101 of this chapter for the statement of net quantity of contents appearing on the label, but in no case less than one-sixteenth of an inch in height. The entire ingredient statement shall appear on at least one panel of the label. If the label bears any pictorial representation of the mixture of nuts, it shall depict the relative proportions of the nut ingredients of the food. If the label bears a pictorial representation of only one of each nut ingredient present, the nuts shall be depicted in the order of decreasing predominance by weight. A factual statement that the food does not contain a particular nut ingredient or ingredients may be shown on the label if the statement is not misleading and does not result in an insufficiency of label space for the proper declaration of information required by or under authority of the act to appear on the label.

[42 FR 14475, Mar. 15, 1977, as amended at 58 FR 2885, Jan. 6, 1993]

§ 164.120 Shelled nuts in rigid or semirigid containers.

(a)–(b) [Reserved]

(c) *Fill of container.* (1) The standard of fill for shelled nuts in rigid or semirigid containers is a fill such that the average volume of nuts, from the number of containers specified in § 164.110(d)(1), is not less than 85 percent of the container volume as determined by the method in paragraph (c)(2) of this section.

(2) The method for determining the percent of fill is as follows:

(i) For the shelled nuts in each container, determine the loose volume, the settled volume, and the average volume in cubic centimeters. For the purposes of this subparagraph, consider volume in milliliters to be numerically equal to volume in cubic centimeters. Open the container and pour the nuts loosely into a vertical graduated cylinder (do not tilt) of appropriate size fitted with a funnel which has been modified, if necessary, to provide a minimum opening of 1½-inch diameter. (If the loose volume of the nuts is less than 500 milliliters, use a 500–milliliter cylinder with an inside diameter of approximately 1⅞ inches; but if the loose volume is 500 milliliters or more, use a 1,000–milliliter cylinder with an inside diameter of approximately 2¼ inches.)

Without shaking the cylinder, estimate the location of a horizontal plane representing the average height of the product, read the volume of the nuts, and record as the loose volume. Raise the cylinder 2 inches and allow it a free vertical drop onto a level, firm, but resilient surface (do not tamp) for a total of 5 times and observe the volume as above. Repeat in successive five-drop increments until the nuts have so settled that the volume decreases less than 2 percent in the last five-drop increment. Read the last volume in the manner described above and record as the settled volume. The arithmetical average of the loose volume and the settled volume equals the average volume of nuts.

(ii) Classify the container by shape and determine its volume in cubic centimeters according to one of the following methods as appropriate:

(*a*) For containers of irregular shape, including glass jars, follow the general method for water capacity of containers as prescribed in § 130.12(a) of this chapter and determine the container volume, considering the water capacity in grams to be numerically equivalent to volume in cubic centimeters, or the water capacity in ounces (avoirdupois) to be equivalent to 28.35 cubic centimeters per ounce.

(*b*) For box-shaped containers (that is, with opposite sides parallel), measure the inside height, width, and depth and calculate the volume as the product of these three dimensions. For such containers used to enclose vacuum packs and containing 4 ounces or less of the product, consider the height to be the inside height minus three-eighths inch.

(*c*) For cylindrical containers, calculate the container volume in cubic centimeters as the product of the height times the square of the diameter, both measured in inches, times 12.87; or as the product of the height times the square of the diameter, both measured in centimeters, times 0.7854. For containers that do not have indented ends, use the inside height and inside diameter as the dimensions. For metal cans with indented ends (that is, metal cans with ends attached by double seams), consider the height to be the outside height at the double seam

minus three-eighths inch (0.953 centimeter) and the diameter to be the outside diameter at the double seam minus one-eighth inch (0.318 centimeter). For fiber-bodied containers with indented ends (that is, fiber-bodied cans with metal ends attached by double seams), consider the height to be the outside height at the double seam minus three-eighths inch (0.953 centimeter) and the diameter to be the outside diameter at the double seam minus three-sixteenths inch (0.476 centimeter).

(iii) Calculate the percent fill of the container as follows: Divide the average volume of nuts found according to paragraph (c)(2)(i) of this section by the appropriate container volume found according to paragraph (c)(2)(ii) of this section and multiply by 100. The result shall be considered to be the percent fill of the container.

(3) If shelled nuts fall below the standard of fill of container prescribed in paragraph (c)(1) of this section, the label shall bear the general statement of substandard fill specified in § 130.14(b) of this chapter, in the manner and form therein specified.

§ 164.150 **Peanut butter.**

(a) Peanut butter is the food prepared by grinding one of the shelled and roasted peanut ingredients provided for by paragraph (b) of this section, to which may be added safe and suitable seasoning and stabilizing ingredients provided for by paragraph (c) of this section, but such seasoning and stabilizing ingredients do not in the aggregate exceed 10 percent of the weight of the finished food. To the ground peanuts, cut or chopped, shelled, and roasted peanuts may be added. During processing, the oil content of the peanut ingredient may be adjusted by the addition or subtraction of peanut oil. The fat content of the finished food shall not exceed 55 percent when determined as prescribed in ''Official Methods of Analysis of the Association of Official Analytical Chemists,'' 13th Ed. (1980), section 27.006(a) under ''Crude Fat—Official First Action, Direct Method,'' in paragraph (a), which is incorporated by reference. Copies may be obtained from the AOAC INTERNATIONAL, 481 North Frederick Ave.,