

vermicelli”, “\_\_\_\_\_ and soy egg vermicelli”, or “\_\_\_\_\_ and soybean egg vermicelli”, when such units comply with the requirements of paragraph (e) of this section, the blank in each instance being filled in with the name whereby the wheat ingredient used is designated in § 139.150(a).

[42 FR 14409, Mar. 15, 1977, as amended at 58 FR 2879, Jan. 6, 1993]

## PART 145—CANNED FRUITS

### Subpart A—General Provisions

Sec.

145.3 Definitions.

### Subpart B—Requirements for Specific Standardized Canned Fruits

- 145.110 Canned applesauce.
- 145.115 Canned apricots.
- 145.116 Artificially sweetened canned apricots.
- 145.120 Canned berries.
- 145.125 Canned cherries.
- 145.126 Artificially sweetened canned cherries.
- 145.130 Canned figs.
- 145.131 Artificially sweetened canned figs.
- 145.134 Canned preserved figs.
- 145.135 Canned fruit cocktail.
- 145.136 Artificially sweetened canned fruit cocktail.
- 145.140 Canned seedless grapes.
- 145.145 Canned grapefruit.
- 145.170 Canned peaches.
- 145.171 Artificially sweetened canned peaches.
- 145.175 Canned pears.
- 145.176 Artificially sweetened canned pears.
- 145.180 Canned pineapple.
- 145.181 Artificially sweetened canned pineapple.
- 145.185 Canned plums.
- 145.190 Canned prunes.

AUTHORITY: 21 U.S.C. 321, 341, 343, 348, 371, 379e.

SOURCE: 42 FR 14414, Mar. 15, 1977, unless otherwise noted.

### Subpart A—General Provisions

#### § 145.3 Definitions.

For the purposes of this part:

(a) The term *corn sirup* means a clarified, concentrated aqueous solution of the products obtained by the incomplete hydrolysis of cornstarch, and includes dried corn sirup. The solids of corn sirup and of dried corn sirup con-

tain not less than 40 percent by weight of reducing sugars calculated as anhydrous dextrose.

(b) The term *dextrose* means the hydrated or anhydrous, refined monosaccharide obtained from hydrolyzed starch.

(c) The term *dried glucose sirup* means the product obtained by drying “glucose sirup.”

(d) The term *glucose sirup* means a clarified, concentrated, aqueous solution of the products obtained by the incomplete hydrolysis of any edible starch. The solids of glucose sirup contain not less than 40 percent by weight of reducing sugars calculated as anhydrous dextrose.

(e) The term *invert sugar sirup* means an aqueous solution of inverted or partly inverted, refined or partly refined sucrose, the solids of which contain not more than 0.3 percent by weight of ash, and which is colorless, odorless, and flavorless, except for sweetness.

(f) The term *sugar* means refined sucrose.

(g) The terms *edible organic acid* and *edible organic salt* refer to any edible organic acid and any edible organic salt added for the purpose of flavor enhancement that either is not a food additive as defined in section 201(s) of the Federal Food, Drug, and Cosmetic Act or, if it is a food additive as so defined, is used in conformity with regulations established pursuant to section 409 of the act.

(h) The term *water* means, in addition to water, any mixture of water and fruit juice in which the fruit juice(s) is less than 50 percent of such mixture, including any water contributed by the use of liquid nutritive carbohydrate sweeteners.

(i) The term *fruit juice(s) and water* means any mixture of fruit juice as herein defined and water, including any water contributed by the use of liquid nutritive carbohydrate sweeteners, in which the fruit juice(s) is 50 percent, or more, of such mixture except that water used in preparing equivalent single strength juice(s) from concentrate(s) shall not be considered to be a mixture of fruit juice and water.

(j) The term *fruit juice(s)* means single strength expressed juice(s) of

sound, mature fruit(s). It may be fresh, frozen, canned, or made from concentrate(s). However, if it is made from concentrate(s), the juice(s) shall be reconstituted with water to not less than the soluble solids that such fruit juice had before concentration. Fruit juice(s) may be used singly or in combination. If a fruit juice(s) is used which is regulated by a standard of identity of this chapter, it shall conform to the compositional requirements prescribed by such standard prior to the addition of any sweetener which may be used.

(k) The term *clarified juice* means the liquid expressed wholly or in part from fruit peelings, fruit shells, fruit cores, or from the fruit flesh or parts thereof, which is clarified and may be further refined or concentrated.

(l) The term *solid pack* means the product contains practically all fruit with only the very little free flowing liquid that is expressed from the fruit and to which no packing media have been added.

(m) The procedure for determining the densities of the packing media means the following: The density of the packing medium, when measured 15 days or more after packing, or the density of the blended homogenized slurry of the comminuted entire contents of the container, when measured less than 15 days after canning, is determined according to "Official Methods of Analysis of the Association of Official Analytical Chemists," 13th Ed. (1980), which is incorporated by reference, section 31.6F011 (Solids) "By Means of the Refractometer—Official Final Action" (and sections 52.012 and 52.015) with result expressed as percent by weight of sucrose (degrees Brix) with correction for temperature to the equivalent at 20 °C, but without correction for invert sugar or other substances. Copies of the material incorporated by reference may be obtained from the Association of Official Analytical Chemists International, 481 North Frederick Ave., suite 500, Gaithersburg, MD 20877-2504, or may be examined at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(n) The procedure for determining drained weight is as follows: Tilt the opened container so as to distribute the contents evenly over the meshes of

a circular sieve which has previously been weighed. The diameter of the sieve is 20.3 centimeters (8 inches) if the quantity of contents of the container is less than 1.4 kilograms (3 pounds) and 30.5 centimeters (12 inches) if such quantity is 1.4 kilograms (3 pounds) or more. The bottom of the sieve is woven-wire cloth which complies with the specifications for the No. 8 sieve set forth in the "Definitions of Terms and Explanatory Notes" of the "Official Methods of Analysis of the Association of Official Analytical Chemists," 13th Ed. (1980), which is incorporated by reference. The availability of this incorporation by reference is given in paragraph (m) of this section. Carefully invert by hand all fruits having cups or cavities if they fall on the sieve with cups or cavities up. Cups or cavities in soft products may be drained by tilting sieve. Without further shifting the material on the sieve, incline the sieve at an angle of 17° to 20° to facilitate drainage. Two minutes after the drainage begins, weigh the sieve and drained fruit. The weight so found, less the weight of the sieve, shall be considered to be the weight of the drained fruit.

(o) Compliance means the following: Unless otherwise provided in a standard, a lot of canned fruits shall be deemed in compliance for the following factors, to be determined by the sampling and acceptance procedure as provided in paragraph (p) of this section, namely:

(1) *Packing medium density.* A lot shall be deemed to be in compliance for packing medium density based on the average sucrose value for all samples analyzed according to the sampling plans, but no container may have a sucrose value lower than that of the next lower category or 2 percent by weight sucrose (degrees Brix) lower if no lower category exists.

(2) *Quality.* The quality of a lot shall be considered acceptable when the number of defectives does not exceed the acceptance number in the sampling plans.

(3) *Fill of container.* A lot shall be deemed to be in compliance for fill of container (packing medium and fruit ingredient) when the number of

§ 145.110

21 CFR Ch. I (4-1-03 Edition)

defectives does not exceed the acceptance number (c) in the sampling plans.

(4) *Drained weight.* A lot shall be deemed to be in compliance for drained weight based on the average value of all samples analyzed according to the sampling plans. The sample unit shall be the entire contents of the container.

(p) The sampling and acceptance procedure means the following:

(1) *Definitions*—(i) *Lot.* A collection of primary containers or units of the same size, type, and style manufactured or packed under similar conditions and handled as a single unit of trade.

(ii) *Lot size.* The number of primary containers or units in the lot.

(iii) *Sample size.* The total number of sample units drawn for examination from a lot.

(iv) *Sample unit.* A container, a portion of the contents of a container, or a composite mixture of product from small containers that is sufficient for the examination or testing as a single unit.

(v) *Defective.* Any sample unit shall be regarded as defective when the sample unit does not meet the criteria set forth in the standards.

(vi) *Acceptance number (c).* The maximum number of defective sample units permitted in the sample in order to consider the lot as meeting the specified requirements.

(vii) *Acceptable quality level (AQL).* The maximum percent of defective sample units permitted in a lot that will be accepted approximately 95 percent of the time.

(2) *Sampling plans:*

Lot size (primary containers)	Size in container	
	<i>n</i> <sup>1</sup>	<i>c</i> <sup>2</sup>
NET WEIGHT EQUAL TO OR LESS THAN 1 KG (2.2 LB)		
4,800 or less .....	13	2
4,801 to 24,000 .....	21	3
24,001 to 48,000 .....	29	4
48,001 to 84,000 .....	48	6
84,001 to 144,000 .....	84	9
144,001 to 240,000 .....	126	13
Over 240,000 .....	200	19
NET WEIGHT GREATER THAN 1 KG (2.2 LB) BUT NOT MORE THAN 4.5 KG (10 LB)		
2,400 or less .....	13	2
2,401 to 15,000 .....	21	3
15,001 to 24,000 .....	29	4
24,001 to 42,000 .....	48	6

Lot size (primary containers)	Size in container	
	<i>n</i> <sup>1</sup>	<i>c</i> <sup>2</sup>
42,001 to 72,000 .....	84	9
72,001 to 120,000 .....	126	13
Over 120,000 .....	200	19
NET WEIGHT GREATER THAN 4.5 KG (10 LB)		
600 or less .....	13	2
601 to 2,000 .....	21	3
2,001 to 7,200 .....	29	4
7,201 to 15,000 .....	48	6
15,001 to 24,000 .....	84	9
24,001 to 42,000 .....	126	13
Over 42,000 .....	200	19

<sup>1</sup> *n*=number of primary containers in sample.  
<sup>2</sup> *c*=acceptance number.

[42 FR 14414, Mar. 15, 1977, as amended at 47 FR 11829, Mar. 19, 1982; 49 FR 10099, Mar. 19, 1984; 54 FR 24894, June 12, 1989; 63 FR 14035, Mar. 24, 1998]

**Subpart B—Requirements for Specific Standardized Canned Fruits**

§ 145.110 Canned applesauce.

(a) *Identity*—(1) *Definition.* Canned applesauce is the food prepared from comminuted or chopped apples (*Malus domestica* Borkhausen), which may or may not be peeled and cored, and which may have added thereto one or more of the optional ingredients specified in paragraph (a)(2) of this section. The apple ingredient is heated and, in accordance with good manufacturing practices, bruised apple particles, peel, seed, core material, carpel tissue, and other coarse, hard, or extraneous materials are removed. The food is sealed in containers. It is so processed by heat, either before or after sealing, as to prevent spoilage. The soluble solids content, measured by refractometer and expressed as percent sucrose (degrees Brix) with correction for temperature to the equivalent at 20 °C (68 °F), is not less than 9 percent (exclusive of the solids of any added optional nutritive carbohydrate sweeteners) as determined by the method prescribed in “Official Methods of Analysis of the Association of Official Analytical Chemists,” 13th Ed. (1980), section 22.024, “Soluble Solids by Refractometer in Fresh and Canned Fruits, Jams, Marmalades, and Preserves—Official First Action,” which is incorporated by reference, but without correction for