

is drained off, and the curd is matted into a cohesive mass. The mass is cut into slabs, which are so piled and handled as to promote the drainage of whey and the development of acidity. The slabs are then cut into pieces, which may be rinsed by sprinkling or pouring water over them, with free and continuous drainage; but the duration of such rinsing is so limited that only the whey on the surface of such pieces is removed. The curd is salted, stirred, further drained, and pressed into forms. One or more of the other optional ingredients specified in paragraph (b)(3) of this section may be added during the procedure.

(b) *Optional ingredients.* The following safe and suitable ingredients may be used:

(1) *Dairy ingredients.* Milk, nonfat milk, or cream, as defined in §133.3, used alone or in combination.

(2) *Clotting enzymes.* Rennet and/or other clotting enzymes of animal, plant, or microbial origin.

(3) *Other optional ingredients.* (i) Coloring.

(ii) Calcium chloride in an amount not more than 0.02 percent (calculated as anhydrous calcium chloride) of the weight of the dairy ingredients, used as a coagulation aid.

(iii) Enzymes of animal, plant, or microbial origin, used in curing or flavor development.

(iv) Antimycotic agents, applied to the surface of slices or cuts in consumer-sized packages.

(v) Hydrogen peroxide, followed by a sufficient quantity of catalase preparation to eliminate the hydrogen peroxide. The weight of the hydrogen peroxide shall not exceed 0.05 percent of the weight of the milk and the weight of the catalase shall not exceed 20 parts per million of the weight of the milk treated.

(c) *Nomenclature.* The name of the food is "cheddar cheese".

(d) *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) Enzymes of animal, plant, or microbial origin may be declared as "enzymes"; and

(2) The dairy ingredients may be declared, in descending order of predominance, by the use of the terms "milkfat and nonfat milk" or "nonfat milk and milkfat", as appropriate.

[48 FR 2743, Jan. 21, 1983; 48 FR 11426, Mar. 18, 1983, as amended at 58 FR 2892, Jan. 6, 1993]

§ 133.114 Cheddar cheese for manufacturing.

Cheddar cheese for manufacturing conforms to the definition and standard of identity prescribed for cheddar cheese by §133.113, except that the milk is not pasteurized, curing is not required, and the provisions of paragraph (b)(3)(iv) of that section do not apply.

[48 FR 2743, Jan. 21, 1983]

§ 133.116 Low sodium cheddar cheese.

Low sodium cheddar cheese is the food prepared from the same ingredients and in the same manner prescribed in §133.113 for cheddar cheese and complies with all the provisions of §133.113, including the requirements for label statement of ingredients, except that:

(a) It contains not more than 96 milligrams of sodium per pound of finished food.

(b) The name of the food is "low sodium cheddar cheese". The letters in the words "low sodium" shall be of the same size and style of type as the letters in the words "cheddar cheese", wherever such words appear on the label.

(c) If a salt substitute is used, the label shall bear the statement "_____ added as a salt substitute", the blank being filled in with the common name or names of the ingredient or ingredients used as a salt substitute.

(d) Low sodium cheddar cheese is subject to §105.69 of this chapter.

[48 FR 2743, Jan. 21, 1983]

§ 133.118 Colby cheese.

(a) Colby cheese is the food prepared from milk and other ingredients specified in this section, by the procedure set forth in paragraph (b) of this section, or by another procedure which produces a finished cheese having the same physical and chemical properties as the cheese produced when the procedure set forth in paragraph (b) of this

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section is used. It contains not more than 40 percent of moisture, and its solids contain not less than 50 percent of milkfat, as determined by the methods prescribed in §133.5 (a), (b), and (d). If the milk used is not pasteurized, the cheese so made is cured at a temperature of not less than 35 °F for not less than 60 days.

(b) Milk, which may be pasteurized or clarified or both, and which may be warmed, is subjected to the action of harmless lactic-acid-producing bacteria, present in such milk or added thereto. Harmless artificial coloring may be added. Sufficient rennet, or other safe and suitable milk-clotting enzyme that produces equivalent curd formation, or both, with or without purified calcium chloride in a quantity not more than 0.02 percent (calculated as anhydrous calcium chloride) of the weight of the milk, is added to set the milk to a semisolid mass. The mass is so cut, stirred, and heated with continued stirring, as to promote and regulate the separation of whey and curd. A part of the whey is drained off, and the curd is cooled by adding water, the stirring being continued so as to prevent the pieces of curd from matting. The curd is drained, salted, stirred, further drained, and pressed into forms. A harmless preparation of enzymes of animal or plant origin capable of aiding in the curing or development of flavor of colby cheese may be added during the procedure, in such quantity that the weight of the solids of such preparation is not more than 0.1 percent of the weight of the milk used.

(c) For the purposes of this section:

(1) The word "milk" means cow's milk, which may be adjusted by separating part of the fat therefrom or by adding thereto one or more of the following: Cream, skim milk, concentrated skim milk, nonfat dry milk, water, in a quantity sufficient to reconstitute any concentrated skim milk or nonfat dry milk used.

(2) Milk shall be deemed to have been pasteurized if it has been held at a temperature of not less than 143 °F for a period of not less than 30 minutes, or for a time and at a temperature equivalent thereto in phosphatase destruction. Colby cheese shall be deemed not to have been made from pasteurized

milk if 0.25 gram shows a phenol equivalent of more than 3 micrograms when tested by the method prescribed in §133.5(c).

(3) During the cheesemaking process the milk may be treated with hydrogen peroxide/catalase as provided in §133.113(a)(3).

(d)(1) Colby cheese in the form of slices or cuts may have added to it a clear aqueous solution prepared by condensing or precipitating wood smoke in water.

(2) Colby cheese in the form of slices or cuts in consumer-sized packages may contain an optional mold-inhibiting ingredient consisting of sorbic acid, potassium sorbate, sodium sorbate, or any combination of two or more of these, in an amount not to exceed 0.3 percent by weight calculated as sorbic acid.

(e)(1) If colby cheese has added to it a clear aqueous solution prepared by condensing or precipitating wood smoke in water as provided in paragraph (d)(1) of this section, the name of the food is immediately followed by the words "with added smoke flavoring" with all words in this phrase of the same type size, style, and color without intervening written, printed, or graphic matter.

(2) If colby cheese in sliced or cut form contains an optional mold-inhibiting ingredient as specified in paragraph (d)(2) of this section, the label shall bear the statement "_____ added to retard mold growth" or "_____ added as a preservative", the blank being filled in with the common name or names of the mold-inhibiting ingredient or ingredients used.

(3) Wherever the name of the food appears on the label so conspicuously as to be easily seen under customary conditions of purchase, the statement specified in paragraph (e)(2) of this section, showing the optional ingredient used, shall immediately and conspicuously precede or follow such name, without intervening written, printed, or graphic matter except for the statement "with added smoke flavoring," as set forth in paragraph (e)(1) of this section.

(f) 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 enzymes of animal, plant, or microbial origin may be declared as “enzymes”.

[42 FR 14366, Mar. 15, 1977, as amended at 49 FR 10093, Mar. 19, 1984; 58 FR 2892, Jan. 6, 1993]

§ 133.119 Colby cheese for manufacturing.

Colby cheese for manufacturing conforms to the definition and standard of identity prescribed for colby cheese by § 133.118, except that the milk is not pasteurized, curing is not required, and the provisions of paragraph (d) of that section do not apply.

§ 133.121 Low sodium colby cheese.

Low sodium colby cheese is the food prepared from the same ingredients and in the same manner prescribed in § 133.118 for colby cheese and complies with all the provisions of § 133.118, including the requirements for label statement of ingredients, except that:

(a) Salt is not used. Any safe and suitable ingredient or combination of ingredients that contains no sodium and that is recognized as a salt substitute may be used.

(b) Sodium sorbate is not used.

(c) It contains not more than 96 milligrams of sodium per pound of finished food.

(d) The name of the food is “low sodium colby cheese”. The letters in the words “low sodium” shall be of the same size and style of type as the letters in the words “colby cheese”, wherever such words appear on the label.

(e) If a salt substitute as provided for in paragraph (a) of this section is used, the label shall bear the statement “_____ added as a salt substitute”, the blank being filled in with the common name or names of the ingredient or ingredients used as a salt substitute.

(f) Low sodium colby cheese is subject to § 105.69 of this chapter.

[42 FR 14366, Mar. 15, 1977, as amended at 58 FR 2892, Jan. 6, 1993]

§ 133.123 Cold-pack and club cheese.

(a)(1) Cold-pack cheese, club cheese, is the food prepared by comminuting, without the aid of heat, one or more cheeses of the same or two or more va-

rieties, except cream cheese, neuf-chatel cheese, cottage cheese, lowfat cottage cheese, cottage cheese dry curd, hard grating cheese, semisoft part-skim cheese, part-skim spiced cheese and skim milk cheese for manufacturing, into a homogeneous plastic mass. One or more of the optional ingredients designated in paragraph (c) of this section may be used.

(2) All cheeses used in a cold-pack cheese are made from pasteurized milk or are held for not less than 60 days at a temperature of not less than 35 °F before being comminuted.

(3)(i) The moisture content of a cold-pack cheese made from a single variety of cheese is not more than the maximum moisture content prescribed by the definition and standard of identity, if any there be, for the variety of cheese used. If there is no applicable definition and standard of identity, or if such standard contains no provision as to maximum moisture content, no water is used in the preparation of the cold-pack cheese.

(ii) The fat content of the solids of a cold-pack cheese made from a single variety of cheese is not less than the minimum prescribed by the definition and standard of identity, if any there be, for the variety of cheese used, but in no case is less than 47 percent, except that the fat content of the solids of cold-pack swiss cheese is not less than 43 percent, and the fat content of the solids of cold-pack gruyere cheese is not less than 45 percent.

(4)(i) The moisture content of a cold-pack cheese made from two or more varieties of cheese is not more than the arithmetical average of the maximum moisture contents prescribed by the definitions and standards of identity, if any there be, for the varieties of cheese used, but in no case is the moisture content more than 42 percent, except that the moisture content of a cold-pack cheese made from two or more of the varieties cheddar cheese, washed curd cheese, colby cheese, and granular cheese is not more than 39 percent.

(ii) The fat content of the solids of a cold-pack cheese made from two or more varieties of cheese is not less than the arithmetical average of the minimum percent of fat prescribed by