

§ 137.265

more than 1.0 mg of folic acid, and not less than 13 mg and not more than 26 mg of iron (Fe);

(2) It may contain in each pound not less than 250 U.S.P. units and not more than 1,000 U.S.P. units of vitamin D; and

(3) It may contain in each pound not less than 500 milligrams and not more than 750 milligrams of calcium (Ca); *Provided, however,* That enriched self-rising corn meals shall contain in each pound not more than 1,750 milligrams of calcium (Ca). Iron and calcium may be added only in forms which are harmless and assimilable. The substances referred to in this paragraph (a)(3) and in paragraphs (a) (1) and (2) of this section may be added in a harmless carrier which does not impair the enriched corn meal; such carrier is used only in the quantity necessary to effect an intimate and uniform admixture of such substances with the kind of corn meal used. Dried yeast in quantities not exceeding 1.5 percent by weight of the finished food may be used.

(b) The name of each kind of enriched corn meal is the word "Enriched" followed by the name of the kind of corn meal used which is prescribed in the definition and standard of identity therefor.

(c) *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.

[42 FR 14402, Mar. 15, 1977, as amended at 58 FR 2878, Jan. 6, 1993; 61 FR 8796, Mar. 5, 1996]

§ 137.265 **Degerminated white corn meal.**

(a) Degerminated white corn meal, degermed white corn meal, is the food prepared by grinding cleaned white corn and removing bran and germ so that:

(1) On a moisture-free basis, its crude fiber content is less than 1.2 percent and its fat content is less than 2.25 percent; and

(2) When tested by the method prescribed in § 137.250(b)(2), except that a No. 20 standard sieve is used instead of a No. 12 sieve, not less than 95 percent passes through a No. 20 sieve, not less than 45 percent through a No. 25 sieve, but not more than 25 percent through

21 CFR Ch. I (4-1-04 Edition)

No. 72 XXX grits gauze. Its moisture content is not more than 15 percent.

(b) For the purposes of this section, moisture, fat and crude fiber are determined by methods therefor referred to in § 137.250(b)(1).

§ 137.270 **Self-rising white corn meal.**

(a) Self-rising white corn meal is an intimate mixture of white corn meal, sodium bicarbonate, and one or both of the acid-reacting substances monocalcium phosphate and sodium aluminum phosphate. It is seasoned with salt. When it is tested by the method prescribed in paragraph (b) of this section, not less than 0.5 percent of carbon dioxide is evolved. The acid-reacting substance is added in sufficient quantity to neutralize the sodium bicarbonate. The combined weight of such acid-reacting substance and sodium bicarbonate is not more than 4.5 parts to each 100 parts of white corn meal used.

(b) The method referred to in paragraph (a) of this section is the method prescribed in "Official Methods of Analysis of the Association of Official Analytical Chemists" (AOAC), 13th Ed. (1980), section 8.002, "Reagent (Displacement soln.)," and section 8.003, "Chittick apparatus," under the heading "Total Carbon Dioxide (1)—Official Final Action," which is incorporated by reference. Copies 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. The following procedure is substituted for the procedure specified in the AOAC, under section 8.004, "Determination":

(1) Weigh 17 grams of the official sample into flask A, add 15-20 glass beads (4-6 mm. diameter), and connect this flask with the apparatus (fig. 25). Open stopcock C and by means of the leveling bulk E bring the displacement solution to the 25 cc. graduation above the zero mark. (This 25 cc. is a partial allowance for the volume of acid to be used in the decomposition.) Allow the apparatus to stand 1-2 minutes to insure that the temperature and pressure within the apparatus are the same as

those of the room. Close the stopcock, lower the leveling bulb somewhat to reduce the pressure within the apparatus, and slowly run into the decomposition flask from burette *F* 45 cc. of sulfuric acid (1+5). To prevent the liberated carbon dioxide from escaping through the acid burette into the air keep the displacement solution in the leveling bulb at all times during the decomposition at a lower level than that in the gas-measuring tube. Rotate and then vigorously agitate the decomposition flask for 3 minutes to mix the contents intimately. Allow to stand for 10 minutes to bring to equilibrium. Equalize the pressure in the measuring tube by means of the leveling bulb and read the volume of gas from the zero point on the tube. Deduct 20 cc. from this reading (this 20 cc. together with previous allowance of 25 cc. compensates for the 45 cc. acid used in the decomposition). Observe the temperature of the air surrounding the apparatus and also the barometric pressure and multiply the number of mL of gas evolved by the factor given in the AOAC, 13th Ed. (1980), section 52.007 under Reference Tables for the temperature and pressure observed, which is incorporated by reference. The availability of this incorporation by reference is given in paragraph (b) of this section. Divide the corrected reading by 100 to obtain the apparent percent by weight of carbon dioxide in the official sample.

(2) Correct the apparent percent of carbon dioxide to compensate for varying atmospheric conditions by immediately assaying a synthetic sample by the same method in the same apparatus.

(3) Prepare the synthetic sample with 16.2 grams of corn meal, 0.30 gram of monocalcium phosphate, 0.30 gram of salt, and a sufficient quantity of sodium bicarbonate U.S.P. (dried over sulfuric acid) to yield the amount of carbon dioxide recovered in assay of official sample. Determine this quantity by multiplying weight of carbon dioxide recovered in assay of official sample by 1.91.

(4) Divide the weight of carbon dioxide recovered from synthetic sample by weight of carbon dioxide contained in sodium bicarbonate used.

(5) Divide the quotient into the apparent percent of carbon dioxide in official sample to obtain percent of carbon dioxide evolved from the official sample.

(c) *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.

[42 FR 14402, Mar. 15, 1977, as amended at 47 FR 11828, Mar. 19, 1982; 49 FR 10098, Mar. 19, 1984; 54 FR 24894, June 12, 1989; 58 FR 2878, Jan. 6, 1993]

§ 137.275 Yellow corn meal.

Yellow corn meal conforms to the definition and standard of identity prescribed by §137.250 for white corn meal except that cleaned yellow corn is used instead of cleaned white corn.

§ 137.280 Bolted yellow corn meal.

Bolted yellow corn meal conforms to the definition and standard of identity prescribed by §137.255 for bolted white corn meal except that cleaned yellow corn is used instead of cleaned white corn.

§ 137.285 Degerminated yellow corn meal.

Degerminated yellow corn meal, degermed yellow corn meal, conforms to the definition and standard of identity prescribed by §137.265 for degerminated white corn meal except that cleaned yellow corn is used instead of cleaned white corn.

§ 137.290 Self-rising yellow corn meal.

Self-rising yellow corn meal conforms to the definition and standard of identity prescribed by §137.270 for self-rising white corn meal except that yellow corn meal is used instead of white corn meal.

§ 137.300 Farina.

(a) Farina is the food prepared by grinding and bolting cleaned wheat, other than durum wheat and red durum wheat, to such fineness that, when tested by the method prescribed in paragraph (b)(2) of this section, it passes through a No. 20 sieve, but not more than 3 percent passes through a No. 100 sieve. It is freed from bran coat, or bran coat and germ, to such extent