§ 184.1199 Calcium gluconate.

(a) Calcium gluconate ([CH$_2$OH(CHOH)$_4$COO]$_2$Ca, CAS Reg. No. 299–28–5) is the calcium salt of gluconic acid which may be produced by neutralization of gluconic acid with lime or calcium carbonate.

(b) The ingredient meets the specifications of the Food Chemicals Codex, 3d ed. (1981), p. 51, which is incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies are available from the National Academy Press, 2101 Constitution Ave. NW., Washington, DC 20418, and the Center for Food Safety and Applied Nutrition (HFS–200), 5100 Paint Branch Pkwy., College Park, MD 20740, or may be examined at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(c) In accordance with § 184.1(b)(1), the ingredient is used in food with no limitation other than current good manufacturing practice. Calcium citrate may also be used in infant formulas in accordance with section 412(g) of the Federal Food, Drug, and Cosmetic Act (the act) or with regulations promulgated under section 412(a)(2) of the act.

(d) Prior sanctions for this ingredient different from the uses established in this section do not exist or have been waived.

50 FR 63896, Dec. 12, 1994

§ 184.1195 Calcium citrate.

(a) Calcium citrate (Ca$_3$(C$_6$H$_5$O$_7$)$_2$·4H$_2$O, CAS Reg. No. 813–0994–095) is the calcium salt of citric acid. It is prepared by neutralizing citric acid with calcium hydroxide or calcium carbonate. It occurs as a fine white, odorless powder and usually contains four moles of water per mole of calcium citrate.

(b) The ingredient as defined in § 170.3(o)(10) of this chapter; formulation aid as defined in § 170.3(o)(1) of this chapter; food grade vitamin as defined in § 170.3(o)(12) of this chapter; mineral as defined in § 170.3(o)(17) of this chapter; and synergist as defined in § 170.3(o)(31) of this chapter.

(c) The ingredient is used as a firming agent as defined in § 170.3(o)(10) of this chapter; formulation aid as defined in