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Kamarei

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[54] **REFRIGERATION-SHELF-STABLE ULTRA-PASTEURIZED OR PASTEURIZED INFANT FORMULA**

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Related U.S. Application Data

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[60] Provisional application No. 60/031,637, Nov. 22, 1996.

[51] **Int. Cl.**⁷ **A23L 1/304; A23C 9/00**

[52] **U.S. Cl.** **426/72; 426/648; 426/74; 426/233; 426/324; 426/521; 426/548; 426/656; 426/657; 426/658; 426/801; 229/213**

[58] **Field of Search** **426/72, 74, 233, 426/324, 521, 541, 548, 648, 656, 657, 658, 801; 229/213**

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[57] ABSTRACT

Refrigeration-shelf-stable ready-to-feed and concentrated infant formulas prepared through an ultra-pasteurization and/or pasteurization process, comprise per five fluid ounces from about 1.8 to about 6.3 grams of protein; from about 3.3 to about 15.9 grams of fat; from about 300 mg to about 3000 mg of linoleic acid; from about 250 to about 900 IU of Vitamin A; from about 40 to about 180 IU of Vitamin D; from about 0.7 to about 9 IU of Vitamin E; from about 4 to about 24 mcg of Vitamin K; from about 40 to about 300 mcg of Thiamine (Vitamin B1); from about 60 to about 450 mcg of Riboflavin (Vitamin B2); from about 35 to about 180 mcg of Vitamin B6; from about 0.15 to about 0.9 mcg of Vitamin B12; from about 250 to about 3150 mcg of Niacin; from about 4 to about 48 mcg of Folic Acid (Folacin); from about 300 to about 1500 mcg of Pantothenic Acid; from about 1.5 to about 13.2 mcg of Biotin; from about 8 to about 36 mcg of Vitamin C (Ascorbic Acid); from about 7 to about 48 mg of Choline; from about 4 to about 18 mg of Inositol; from about 60 to about 234 mg of Calcium; from about 30 to about 159 mg of Phosphorus; from about 6 to about 24 mg of Magnesium; from about 0.15 to about 5.4 mg of Iron; from about 0.5 to about 3 mg of Zinc; from about 5 to about 45 mcg of Manganese; from about 60 to about 270 mcg of Copper; from about 5 to about 75 mcg of Iodine; from about 20 to about 81 mg of Sodium; from about 80 to about 324 mg of Potassium; and from about 55 to about 195 mg of Chloride; wherein the total caloric content is from about 80 kilocalories to about 300 kilocalories per five fluid ounces.

34 Claims, No Drawings