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(54) Title: LOW CARBOHYDRATE COMPOSITIONS, KITS THEREOF, AND METHODS OF USE

(57) Abstract: The present invention relates to compositions, kits, and methods utilized for the treatment of joint dysfunction, bone dysfunction, and / or inflammation. The composition utilized herein are useful for those mammals experiencing painful or debilitating joint, bone, or inflammatory conditions, and are particularly suited for mammals which are diabetic or at risk for diabetes, as well as those desiring or requiring conveniently dosed chondroprotective compositions having low carbohydrate content, low caloric value and / or having a low glycemic index. In particular, the present compositions comprise: a) a chondroprotective agent selected from gelatin, cartilage, aminosugars, glycosaminoglycans, methylsulfonylmethane, precursors of methylsulfonylmethane, S-adenosylmethionine, and mixtures thereof; b) a sweetening agent other than glucose, dextrose, sucrose, and fructose; and c) at least about 10 % water, by weight of the composition. In an alternative embodiment of the present invention, the present compositions comprise: a) a chondroprotective agent selected from gelatin, cartilage, aminosugars, glycosaminoglycans, methylsulfonylmethane, precursors of methylsulfonylmethane, S-adenosylmethionine, salts thereof, and mixtures thereof; and b) a sweetening agent other than glucose, dextrose, sucrose, and fructose; wherein the composition is substantially free of aspartame.

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A23L1/304

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B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
PAJ, EPO-Internal, WPI Data, FSTA, BIOSIS

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