

Title (en)

MILK REPLACER COMPRISING ANIMAL-FREE FORMULATIONS OF FAT-SOLUBLE VITAMINS

Title (de)

MILCHERSATZ MIT TIERFREIEN FORMULIERUNGEN VON FETTLÖSLICHEN VITAMINEN

Title (fr)

SUCCÉDANÉ DE LAIT COMPORTANT DES FORMULATIONS D'ORIGINE NON ANIMALE DE VITAMINES LIPOSOLUBLES

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Application

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Abstract (en)

[origin: WO2022129435A1] The present invention is directed to a milk replacer comprising an animal-free formulation comprising a) Vitamin A or a C1-20 alkyl ester thereof and optionally vitamin D; b) Gum Arabic in an amount of ≤ 25 weight-%; c) at least one ingredient selected from modified food starches, starch hydrolysates, mono- and disaccharides; d) at least an antioxidant; e) an anti-caking agent; f) optionally an oil; g) optionally residual moisture; whereby all amounts a) to f) sum up to 100 weight-% and are based on the sum of the weight of a) to f), whereby the compound a) is encapsulated in a matrix formed by compounds b) and c). The present invention is further directed to said animal-free formulation, as well as its use in a milk replacer, especially for young non-human mammals such as calves, foals, young goats, young sheep and camel foals. Further objects of the present invention are processes for the manufacture of such animal-free formulations and such milk replacer.

IPC 8 full level

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