

Title (en)

AQUEOUS COACERVATE COMPOSITION COMPRISING POORLY WATER-SOLUBLE BIOLOGICALLY-ACTIVE AGENTS

Title (de)

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Title (fr)

COMPOSITIONS AQUEUSES COACERVÉES COMPRENANT DES AGENTS BIOLOGIQUEMENT ACTIFS FAIBLEMENT SOLUBLES DANS L'EAU

Publication

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Application

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Abstract (en)

[origin: WO2010081815A1] This invention relates to an aqueous gelatin-free, egg portion-free, two-phase coacervate composition comprising a coacervate phase and an equilibrium water phase, comprising, per 100 parts by weight, a mixture of: (a) from 2 to 30 parts by weight of a poorly water-soluble bio-active agent, (b) from 5 to 55 parts by weight of a polysaccharide-free tensio-active system with a HLB from 8 to 18 and consisting of non-ionic tensio-active agents, (c) from 2 to 40 parts by weight of one or more water-soluble carriers for said poorly water-soluble bio-active agent, said carriers being selected from the group consisting of maltodextrins with a molecular weight below 1,800, erythritol, xylitol, sorbitol, mannitol, maltitol, isomalt and lactitol, and (d) from 20 to 85 parts by weight of water, wherein the weight ratio (c)/(b) of the water-soluble carriers to the non-ionic tensio- active agents in the said mixture is from 0.005/1 to 3.5/1. Such coacervate compositions may be dried into solid dosage forms from which rapid release of the bio-active agent can be obtained.

IPC 8 full level

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