ORAL SUSPENSION WITH ANTIULCEROUS AND CHEMOPROTECTIVE EFFECT ON COLON CANCER AND METHOD FOR ITS PREPARATION

CLAIMS:

1. Oral suspension with antiulcer and chemoprotective effect for use in treating or prevention of colon cancer, characterized by being an aqueous suspension containing as active ingredients a purified extract of fatty alcohols from the refined wax of Apis mellifera bees and microcrystalline cellulose.

2. Oral suspension according to claim 1, characterized in that the ingredients are in the following proportion: 1-2% of the fatty alcohol extract; 1-2% microcrystalline cellulose; 2-4% emulsifying agents; 0.1-0.6% preserving agents; 20-30% moisturizers; 1-6% sweeteners; 0.1-1% suspending agents; 0.01-0.05% flavorings and 50-70% purified water.

3. Oral suspension according to claim 2, characterized in that the particle size of the purified extract of fatty alcohols from the refined beeswax is less than 1.5 micrometers.

4. Oral suspension according to claim 3, characterized in that the emulsifying agent is polyoxyethylene hydrogenated castor oil or polysorbate, the preserving agents are methyl and propylparabens, the wetting agent is glycerin, the sweeteners are sorbitol or sodium saccharin, the suspending agent is carboxymethylcellulose and the flavoring is an essential oil.

5. Process for obtaining an aqueous suspension with an antiulcer and chemoprotective effect on colon cancer, characterized by: A) mixing a purified extract of fatty alcohols with one or more emulsifying agents; B) subjecting said mixture to a technological process to reduce the particle size of the extract to <1.5 micrometers; C) Incorporate into the mixture with constant stirring at > 1000 rpm microcrystalline cellulose and preservative, wetting, sweetening, suspending, flavoring agents and purified water.

6. Process for obtaining an aqueous suspension, according to claim 5, characterized in that the fatty alcohol extract is extracted and purified from Apis mellifera beeswax.

7. Process for obtaining an aqueous suspension, according to claim 6, characterized in that the technological process applied to reduce the particle size of the fatty alcohol extract is based on

subjecting the mixture of said extract and the emulsifying agent to a shearing process with a homogenizing equipment at a stirring speed > 1000 rpm, at a temperature > 80°C for > 1 minute.

8. Process for obtaining an aqueous suspension, according to claim 6, characterized in that the technological process applied to reduce the particle size of the fatty alcohol extract is based on subjecting the mixture of said extract and the emulsifying agent to a stirring speed > 1000 rpm at a temperature > 80°C for > 1 minute and then reduce the temperature to < 60°C with the same stirring speed.

9. Use of an oral suspension with antiulcer and chemoprotective effect in the manufacture of a medicament for treating or preventing colon cancer, the oral suspension being an aqueous suspension containing as active ingredients a purified extract of fatty alcohols from the refined wax of Apis mellifera bees and microcrystalline cellulose.

10. The use according to claim 9, characterized in that the ingredients of the oral suspension are in the following proportion: 1-2% of the fatty alcohol extract; 1-2% microcrystalline cellulose; 2-4% emulsifying agents; 0.1-0.6% preserving agents; 20-30% moisturizers; 1-6% sweeteners; 0.1-1% suspending agents; 0.01-0.05% flavorings and 50-70% purified water.

11. The use according to claim 10, characterized in that the particle size of the purified extract of fatty alcohols from the refined beeswax is less than 1.5 micrometers.

12. The use according to claim 11, characterized in that the emulsifying agent is polyoxyethylene hydrogenated castor oil or polysorbate, the preserving agents are methyl and propylparabens, the wetting agent is glycerin, the sweeteners are sorbitol or sodium saccharin, the suspending agent is carboxymethylcellulose and the flavoring is an essential oil.