CLAIMS

1. (Currently amended) A cosmetic composition for stimulating collagen biosynthesis [and] or anti-ageing containing [, as an active ingredient,] an oleanolic acid encapsulated in nano-liposomes as the sole active ingredient for stimulating collagen biosynthesis 5 or antiageing,

wherein the oleanolic acid is in an amount of 0.0001 - 5.0 wt% based on the total weight of the composition,

wherein the nano-liposomes that are formed to stabilize oleanolic acid are prepared by 10 a mixture containing a polyol, an oily component, a surfactant, a phospholipid, and water,

wherein the polyol is selected from the group consisting of propylene glycol, glycerine and mixtures thereof, and

wherein the phospholipid is selected from natural or synthetic lecithin.

2. (Currently amended) The cosmetic composition of claim 1, wherein the oleanolic acid 15 is used in an amount of 0.05-1.0 [0.0001-5.0] wt% based on the total weight of the composition.

3. The cosmetic composition of claim 1, wherein the nano-liposomes having the oleanolic acid encapsulated therein is contained in an amount of 0.001-50 wt% based on the total weight of the composition.

4. The cosmetic composition of claim 1, wherein the nano-liposomes have an average particle diameter of 50-300 nm.

5. The cosmetic composition of claims 1 to 4, wherein the composition is a solubilized formulation.

6. The cosmetic composition of claim 1, wherein the nano-liposomes having an oleanolic acid encapsulated therein is prepared by the process comprising the steps:

1) mixing uniformly a polyol selected from the group consisting 5 of propylene glycol, glycerin, and mixtures thereof; and a phospholipid selected from natural or synthetic lecithin to obtain the mixture thereof,

2) adding an oleanolic acid to the mixture of step 1),

3) cooling the mixture of step 2), adding an alcohol thereto, and then mixing 10 uniformly,

4) ~~[adding a surfactant and water to the mixture of the step 3) and then mixing uniformly, and]~~ adding aqueous-part components comprising a chelating agent, a thickening agent, a surfactant and water to the mixture of the step 3) and then mixing uniformly

5) cooling the mixture of the step 4).

7. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is 15 used in an amount of 5wt% to 50wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.05 wt% to 1.0wt% based on a total weight of the composition.

8. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 29wt% based on a total weight of the composition and the phospholipid 20 is used in an amount of 0.2wt% based on a total weight of the composition.

CLAIMS

1. A cosmetic composition for stimulating collagen biosynthesis and anti-ageing containing, as an active ingredient, oleanolic acid encapsulated in nano-liposomes, wherein the nano-liposomes that are formed to stabilize oleanolic acid are prepared by a mixture containing a polyol, an oily component, a surfactant, a phospholipid, and water,
wherein the polyol is selected from the group consisting of propylene glycol, glycerin and mixtures thereof,
and wherein the phospholipid is selected from natural or synthetic lecithin.

2. The cosmetic composition of claim 1, wherein the oleanolic acid is used in an amount of 0.0001-5.0 wt% based on the total weight of the composition.

3. The cosmetic composition of claim 1, wherein the nano-liposomes having the oleanolic acid encapsulated therein is contained in an amount of 0.001-50 wt% based on the total weight of the composition.

4. The cosmetic composition of claim 1, wherein the nano-liposomes have an average particle diameter of 50-300 nm.

5. The cosmetic composition of claims 1 to 4, wherein the composition is a solubilized formulation.

6. The cosmetic composition of claim 1, wherein the nano-liposomes having an oleanolic acid encapsulated therein is prepared by the process comprising the steps:

1) mixing uniformly a polyol selected from the group consisting of propylene glycol, glycerin, and mixtures thereof; and a phospholipid selected from natural or synthetic lecithin to obtain the mixture thereof,

2) adding an oleanolic acid to the mixture of step 1,

3) cooling the mixture of step 2, adding an alcohol thereto, and then mixing uniformly,

4) adding a surfactant and water to the mixture of the step 3 and then mixing uniformly, and

5) cooling the mixture of the step 4.

7. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 5wt% to 50wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.05 wt% to 10wt% based on a total weight of the composition.

8. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 29wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.2wt% based on a total weight of the composition.

CLAIMS

1. A cosmetic composition for stimulating collagen biosynthesis or anti-ageing containing an oleanolic acid encapsulated in nano-liposomes as the sole active ingredient for stimulating collagen biosynthesis or anti-ageing,

wherein the oleanolic acid is in an amount of 0.0001 - 5.0 wt% based on the total weight of the composition,

wherein the nano-liposomes that are formed to stabilize oleanolic acid are prepared by a mixture containing a polyol, an oily component, a surfactant, a phospholipid, and water,

wherein the polyol is selected from the group consisting of propylene glycol, glycerin and mixtures thereof, and

wherein the phospholipid is selected from natural or synthetic lecithin.

2. The cosmetic composition of claim 1, wherein the oleanolic acid is used in an amount of 0.05-1.0 wt% based on the total weight of the composition.

3. The cosmetic composition of claim 1, wherein the nano-liposomes having the oleanolic acid encapsulated therein is contained in an amount of 0.001-50 wt% based on the total weight of the composition.

4. The cosmetic composition of claim 1, wherein the nano-liposomes have an average particle diameter of 50-300 nm.

5. The cosmetic composition of claims 1 to 4, wherein the composition is a solubilized formulation.

6. The cosmetic composition of claim 1, wherein the nano-liposomes having an oleanolic acid encapsulated therein is prepared by the process comprising the steps:

1) mixing uniformly a polyol selected from the group consisting of propylene glycol, glycerin, and mixtures thereof; and a phospholipid selected from natural or synthetic lecithin to obtain the mixture thereof,

2) adding an oleanolic acid to the mixture of step 1),

3) cooling the mixture of step 2), adding an alcohol thereto, and then mixing uniformly,

4) adding aqueous-part components comprising a chelating agent, a thickening agent, a surfactant and water to the mixture of the step 3) and then mixing uniformly

5) cooling the mixture of the step 4).

7. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 5wt% to 50wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.05 wt% to 1.0wt% based on a total weight of the composition.

8. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 29wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.2wt% based on a total weight of the composition.