Claims

1. A vaginal composition, comprising:

(1) isomaltulose, and

(2) antibacterial agents comprising: propionic acid or sodium propionate or dehydroacetic acid or sodium dehydroacetat or a combination thereof,

wherein the content of isomaltulose is 0.05 to 20.0% (w/w), preferably, 1.5 to 12.0% (w/w), and the content of the antibacterial agents is 0.05 to 2.5% (w/w) in total.

2. The vaginal composition according to claim 1, wherein the antibacterial agents comprise: propionic acid and/or sodium propionate, and dehydroacetic acid and/or sodium dehydroacetat.

3. The vaginal composition according to claim 1 or 2, wherein the vaginal composition further comprises 0.001 to 1.0% (w/w) in total of an estrogen and/or phytoestrogen, in particular, the estrogen and/or phytoestrogen is selected from the group consisting of: stilboestrol, estradiol, estriol, daidzin, daidzein, genistin, genistein, glycitin, glycitein, biochanin A, coumestrol and formononetin, and a combination thereof.

4. The vaginal composition according to claim 1 or 2, wherein the vaginal composition is formed as one of the following: non-therapeutic vaginal health products, vaginal commodities, vaginal health care products, vaginal care products, vaginal cosmetics, vaginal hygiene products, or vaginal cleaning products; therapeutic vaginal health products, vaginal medical devices, or vaginal medicines; or vaginal cleaning agents or nourishing agents, deodorants, antipruritic agents, fresheners, wetting agents, lubricating agents, disinfectants, antibacterial agents, topical microbicidal agents, microecological modulators, or microorganism regulating agents.

5. The vaginal composition according to claim 1 or 2, wherein the vaginal composition further comprises: 0.1 to 5.0% (w/w) of aloe extract, 0.1 to 5.0% (w/w) of lavender extract, 0.001 to 1.0% (w/w) of vitamin E, 0.001 to 1.0% (w/w) of vitamin A, 0.001 to 1.0% (w/w) of vitamin D, 0.001 to 1.0% (w/w) of vitamin C, or a combination thereof.

6. The vaginal composition according to claim 1 or 2, wherein the vaginal composition is a non-flowable, viscous water-soluble gel, further comprising: a non-flowable, viscous water-soluble gel matrix, wherein the gel matrix is xanthan gum or Carbomer;

wherein the content of the isomaltulose is 0.1 to 20% (w/v), preferably, 3.0 to 12.0% (w/v);

and the content of the antibacterial agents, in total, is 0.1 to 2.5% (w/v);

wherein the antibacterial agents further comprises one or more agents selected from a group consisting of benzoic acid, sodium benzoate, sorbic acid, potassium sorbate, sodium sorbate, acetic acid, sodium acetate, diacetic acid, sodium diacetate, calcium propionate, caprylic acid, sodium caprylate, capric acid, sodium caprate, undecylenic acid, sodium undecylenate, lauric acid, sodium laurate, natamycin, lactoferrin, lactoferricin, and a combination thereof; and

wherein the pH value of the water-soluble gel is 3.5 to 6.0.

7. The vaginal composition according to claim 1 or 2, wherein the vaginal composition is in vaginal dosage forms comprising: water-soluble gels, aqueous solutions, aerosols, creams, ointments, capsules, microcapsules, suppositories, effervescents, or tablets.