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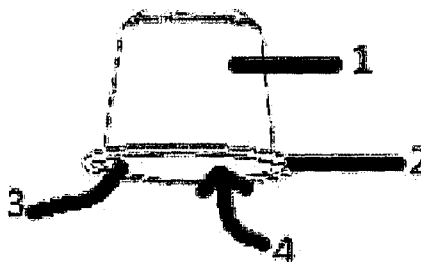
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(54) Title: METHOD OF PREPARING A BEVERAGE AND BEVERAGE PREPARATION UNIT

Figure 1



(57) Abstract: The present invention relates to the use of a carrier and at least one additional ingredient for use in slimming, for use in detoxification, for use in increasing energy levels and/or for use in supporting the immune system. Useful additional ingredients include lemon and konjak root extract; Hibikus extract and acai extract; vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; and vitamins A, B6, B12, D3 and Folic acid. The invention is directed to a method of preparing a beverage, to compositions and to the use of those compositions.



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METHOD OF PREPARING A BEVERAGE AND BEVERAGE PREPARATION UNIT

Technical field

The present invention relates to a method of preparing a beverage and to a beverage preparation unit.

- 5 More specifically, the present invention relates to a method of preparing a beverage by extracting a composition, to a composition, to a capsule, and to the use of a capsule.

Prior art

- Capsules for preparation of coffee beverages have been previously described. For instance, US4136202 discloses a capsule for beverage preparation. US20140199442 discloses capsules
10 with a tearable membrane attached to a flange for preparation of coffee beverages. US6026732 discloses a capsule coffee machine. DE20 2012 101011U1 discloses weight loss composition comprising carrier, extracts including lemon, and vitamins. DE60002331 discloses compositions for preparations of drinks, for instance dry extract compositions that dissolve. US 7553509 discloses instant drinks from tea extract that may include lemon, hibiscus
15 or vitamins. US2008/005472 discloses compositions for increasing awareness and refers to taurine, acai (as antioxidant), goji (enhance immune system), tea extracts and various vitamins.

- There remains a need in the art for more variety in tasteful beverages providing not only more variety in flavor, but also health improving benefits or convenience of preparation or proper
20 dosage or other benefits.

Summary of the invention

The present invention surprisingly overcomes one or more of the problems cited above.

Accordingly, the invention relates to a method of preparing a beverage by extracting a composition, wherein the composition comprises a carrier selected from coffee and/or tea and/or

herbs and wherein the composition further comprises at least one additional ingredient selected from:

- an ingredient for slimming selected from lemon, Konjak root extract, pineapple extract, artichoke extract, spirulina-algae extract, Garcinia-Cambogia extract and/or Melissa extract;

5 - an ingredient for detoxification selected from papaya extract, acai extract, hibiscus extract, curcuma root extract, ginger, chlorella-algae extract, Coriander extract, watermelon, gardenia, and/or carrots;

- an ingredient for increasing energy levels selected from Vitamins (any of B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and/or Niacin), Taurine, Kola nut extract, Ginseng extract, orange, ginger extract, orange, and/or Guarana extract; and/or

10 - an ingredient for supporting the immune system selected from vitamins (any of A, B6, B12, D3 and/or Folic acid), goji berry extract, pomegranate, lemon, honey, apple, wild berries, and/or birch leave extract.

The composition can be present in a capsule.

15 The capsule comprising the composition can be introduced in a capsule coffee machine, and water can be passed through the capsule to prepare the beverage.

Preferably the ingredient for slimming is selected from lemon and konjak root extract; the ingredient for detoxification is selected from Hibikus extract and acai extract; the ingredient for increasing energy levels is selected from vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; and the ingredient for supporting the immune system is selected from vitamins A, B6, B12, D3 and/or Folic acid. Preferably, the composition comprises an ingredient for slimming, wherein the carrier is tea, and wherein the composition further comprises glucomannan. Preferably, the composition comprises an ingredient for detoxification, wherein the carrier is tea, and the composition further comprises choline, EPA (Eicosapenta-
20 noic acid; sometimes referred to as icosapentanoic acid), DHA (docosaheptaenoic acid) and/or ALA (alpha-Linolenic acid).

Preferably, the capsule comprises an open compartment comprising the composition and with a plastic and/or aluminum outside wall, wherein the capsule has a protruding rim, and with a membrane attached to the rim at the top.

The invention further relates to a capsule comprising a composition wherein the composition
5 comprises a carrier selected from coffee, tea and/or herbs in combination with an additional ingredient selected from – preferably – :

- lemon and konjak root extract;
- Hibikus extract and acai extract;
- vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; or
- 10 - vitamins A, B6, B12, D3 and Folic acid.

Preferably, the capsule comprises an open compartment comprising the composition and with a plastic and/or aluminum outside wall, wherein the capsule has a protruding rim, with a membrane attached to the rim at the top. Preferably, the capsule comprises tea leaves. Prefer-
15 ably, the capsule is for use in slimming, for use in detoxification, for use in increasing energy levels and/or for use in supporting the immune system.

A further embodiment of the invention relates a method of preparing a beverage by extracting a composition comprising a carrier and at least one additional ingredient selected from:

- lemon and konjak root extract;
 - 20 - Hibikus extract and acai extract;
 - vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; or
 - vitamins A, B6, B12, D3 and Folic acid,
- with water.

A further embodiment of the invention relates to a composition comprising a carrier selected from coffee, tea and/or herbs in combination with an additional ingredient selected from:

- lemon and konjak root extract;

- Hibikus extract and acai extract;

5 - vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; or

- vitamins A, B6, B12, D3 and Folic acid.

A further embodiment of the invention relates to a capsule comprising a carrier selected from coffee, tea and herbs in combination with an additional ingredient selected from:

- lemon and konjak root extract;

10 - Hibikus extract and acai extract;

- vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; or

- vitamins A, B6, B12, D3 and Folic acid,

for use in slimming, for use in detoxification, for use in increasing energy levels and/or for use in supporting the immune system.

15 The invention provides for preparation of beverages, both hot and cold, in a convenience, flexible and simple preparation process, providing consistent quality with a balanced taste, using a simple preparation procedure, using omnipresent equipment, and/or offering enjoyment of tasteful product. In addition, the invention allows for standardization of the ingredients and their level, allowing for instance proper daily dosing, and dividing the daily dose
20 over multiple doses that can be used over the course of the day and fitting with the daily schedule of drinking tea and/or coffee. The present invention is in particular convenient because the invention uses a carrier that is preferably tea or coffee (in one embodiment an extract, in another embodiment leaves or grains) which are often drunk over the course of the day. This combination and timing over the course of the day is in particular beneficial for the
25 ingredients used in the present invention.

Details of the invention

For the purpose of the invention, extracting is defined as separating an extract after passing water through a composition.

- 5 For the purpose of the invention, an extract is defined as an aqueous juice that is obtained by passing water through a composition.

For the purpose of the invention, hot is defined as having a temperature of higher than 50 °C and cold is defined as having a temperature below 50 °C.

For the purpose of the invention, a holder is defined as a device that is able to hold a liquid.

- 10 Examples of holders are cups or jars.

For the purpose of the invention, slimming is defined by reducing the body weight or volume of a subject.

For the purpose of the invention, detoxification is defined as cleansing the body of a subject, removing potentially harmful substances from a subject's body.

- 15 For the purpose of the invention, increasing the energy level is defined as providing alertness to a subject.

For the purpose of the invention, supporting the immune system is defined as assisting the body of a subject in fighting external potentially harmful influences, leading to an improved immune response.

- 20 The present invention relates to a composition for preparing a beneficial beverage. In a first embodiment, the method uses a capsule comprising a composition in a machine for preparing the beverage. In a second embodiment, the method uses a composition and water and a holder for preparing the beverage.

- 25 According to a first method, the beverage is prepared by inserting a capsule with a composition into a machine, and passing water through the composition in the capsule, separating an

aqueous extract, and collecting the aqueous extract. The composition comprises a carrier and at least one additional ingredient.

Preferably, the capsule is inserted in a machine that presses water through the composition in the capsule. An extract is brewed in the capsule. The aqueous extract of the composition is then pressed out of the capsule and collected in a holder. An example of such a machine is an espresso machine, for instance one that is suitable to receive capsules. The machine may for instance pierce the capsule. Machines that may be used in the invention are widely available contributing to the convenience of the present invention.

According to a second method, the beverage is prepared by mixing a composition with water in a holder. The composition preferably comprises a dried extract. The composition is preferably provided in a container, for instance a capsule or a sachet.

In one embodiment, the invention is directed to preparation of a hot beverage. In another embodiment, the invention is directed to preparation of a cold beverage.

In one embodiment of the invention, the preparation method produces a hot beverage by combining hot water with the composition of the invention. In one embodiment, the hot water is passed through the composition to generate an extract, in the other embodiment the hot water is mixed with the composition. Preferably, the temperature (of the water and/or the beverage) is above 50 °C and preferably at most 100°C, more preferably above 70 °C, most preferably above 90 °C for instance at 98 °C.

In another embodiment of the invention, the preparation method produces a cold beverage by combining cold water with the composition. In one embodiment, the cold water is passed through the composition to generate an extract, in the other embodiment the cold water is mixed with the composition. Preferably, the temperature (of the water and/or the beverage) is below 50 °C and preferably at least 0°C, more preferably below 40 °C, most preferably below 30 °C.

Container

The container – also referred to as “unit” – of the present invention is preferably a capsule in one embodiment. In the alternative embodiment, the container is a sachet.

- The capsule of the present invention may have any shape, but –referring to figure 1- preferably the capsule (1) comprises an open compartment (4) with a protruding rim (2) with the membrane (3) attached to the rim at the top. Preferably, the outside wall of the compartment
- 5 is made of a hard material, preferably plastic. This material is sufficiently rigid to keep its shape at 1 atm, yet is suitable to be pierced (for instance at the bottom of the capsule) such that water can be pressed through, for instance to produce an extract. The capsules lining might include further materials to keep its content in optimal condition. Preferably, the compartment has a conical shape, more preferably frustoconical with the top having the wider
- 10 diameter and in addition, the bottom of the capsule may be flat. The rim may allow proper attachment of the membrane and insertion in a machine. Preferably a membrane (preferably tearable) may cover the interior of the compartment at its top and may be attached to the rim of the capsule. Preferably, the membrane is suitable for allowing the aqueous extract to pass through under the pressure provided by the machine, preferably a coffee machine, more preferably a capsule espresso coffee machine. The capsule of the invention may be referred to as a
- 15 coffee machine capsule, but such capsules but also the machinery and preparation method will be understood it can also be used for tea and/or herbs. During the extraction process, the capsule wall may be pierced, but the capsule wall is preferably sufficiently rigid to keep its shape during this extraction process.
- 20 The capsule is preferably configured to receive and contain coffee, tea, and/or herbs. The capsule is preferably configured to allow passing through of water to produce an extract from the composition in the capsule. Preferably, the capsule is suitable for preparing a beverage using pressurized hot/cold water in a machine, such as an espresso machine that is suitable for use with capsules.
- 25 The capsule preferably has a content of from 1 to 10 gram, more preferably from 3 to 6 grams, most preferably 4 or 5 grams.

In the alternative, the container is a sachet. According to this embodiment, the sachet comprises the composition according to the invention, preferably an extract, more preferably a dried extract of the carrier. The sachet may be used for preparing a beverage by mixing its

30 content with water in a holder. The extract may be filtered before collection in the holder.

Composition

According to the invention, the beverage is prepared from a composition comprising a carrier and at least one additional ingredient. The composition may be a mix of the carrier and the at least one additional ingredient, an aqueous extract of the carrier and the additional ingredient or a dried version thereof. Preferably, the carrier and the additional ingredient are dried, more preferably freeze-dried (lyophilization).

Preferably, the carrier and the additional ingredient are premixed before placement in the container (capsule or sachet).

- 10 Preferably, the carrier selected from coffee, tea, herbs and mixtures thereof, more preferably coffee or tea. Preferably, the additional ingredient is a nutraceutical, a nutritional product providing a health benefit. Preferred examples of the additional ingredient are as follows:

For slimming, the carrier is preferably tea. Preferably, the composition for slimming further comprises glucomannan. The at least one additional ingredient is preferably selected from lemon, Konjak root extract, pineapple extract, artichoke extract, spirulina-algae extract, 15 Garcinia-Cambogia extract and/or Melissa extract. Of these, Lemon and konjak root extract are preferred. Lemon is most preferred.

For detoxification, the carrier is preferably tea. Preferably, the composition further comprises choline (for contributing to normal cysteine metabolism), EPA and DHA (for contributing to the normal heart functioning) and/or ALA (for contributing to maintenance of normal blood 20 cholesterol levels). The at least one additional ingredient is preferably selected from papaya extract, acai extract, hibikus extract, curcuma root extract, ginger, chlorella-algae extract Coriander extract watermelon, gardenia, and/or carrots. Hibikus extract and acai extract are more preferred.

25 For increasing energy levels, the carrier is preferably coffee. The at least one additional ingredient is preferably selected from Vitamins (any of B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and/or Niacin), Taurine, Kola nut extract, Ginseng extract, orange, ginger extract, orange, and/or Guarana extract. Vitamins are more preferred.

Preferably, Biotin is included for normal macronutrient metabolism and normal functioning of the nervous, niacin for reduction of tiredness and fatigue and for normal psychological function, pantothenic acid for normal energy-yielding metabolism, for normal mental performance
5 and for reduction of tiredness and fatigue.

For supporting the immune system, the carrier is preferably coffee. The at least one additional ingredient is preferably selected from vitamins (any of A, B6, B12, D3 and/or Folic acid), goji berry extract, pomegranate, lemon, honey, apple, wild berries, and/or birch leave extract. Vitamins are more preferred.

10 Preferably, vitamin A is included for normal immune system functioning, and normal iron metabolism, vitamin B6 for normal immune system functioning, vitamin B6 for normal homocysteine metabolism and normal cysteine synthesis, vitamin B12 for normal immune system functioning, and normal homocysteine metabolism, vitamin C for maintaining normal
15 immune system exercise, vitamin D for normal immune system functioning, and folic acid for normal immune system functioning and normal homocysteine metabolism.

Preferably, the composition comprises from 0.5 to 5 % by weight of the carrier. Preferably, the composition comprises from 0.1 to 25% by weight of the at least one additional ingredient. In certain embodiments, the beverage comprises from 3 to 5 % by weight of the composition.
20

As will be clear from the examples provided below, the compositions of the invention may comprise further ingredients such as fillers.

Benefits, uses and dosages

The composition of the invention is preferably a nutraceutical providing one or more of the
25 following benefits: slimming, detoxification, increase of energy levels, or immune system supporting. The compositions of the invention are particularly useful for providing a slimming benefit.

Accordingly, the invention is directed to the following beneficial uses:

- a composition according to the invention for use in slimming;
- a composition according to the invention for use in detoxification;
- a composition according to the invention for use in increasing energy levels; and
- 5 - a composition according to the invention for use in supporting the immune system.

In addition, the invention is directed to a container with the composition for use in supporting any of the above benefits, wherein the container can be a capsule or a sachet.

For slimming, the carrier is preferably tea. Preferably, the composition for slimming further comprises glucomannan. The at least one additional ingredient is preferably selected from
10 lemon, Konjak root extract, pineapple extract, artichoke extract, spirulina-algae extract, Garcinia-Cambogia extract and/or Melissa extract. Of these, Lemon and konjak root extract are preferred. Lemon is most preferred.

For detoxification, the carrier is preferably tea. Preferably, the composition further comprises choline (for contributing to normal cysteine metabolism), EPA and DHA (for contributing to
15 the normal heart functioning) and/or ALA (for contributing to maintenance of normal blood cholesterol levels). The at least one additional ingredient is preferably selected from papaya extract, acai extract, hibikus extract, curcuma root extract, ginger, chlorella-algae extract, Coriander extract, watermelon, gardenia, and/or carrots. Hibikus extract and acai extract are more preferred.

20 For increasing energy levels, the carrier is preferably coffee. The at least one additional ingredient is preferably selected from Vitamins (any of B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and/or Niacin), Taurine, Kola nut extract, Ginseng extract, orange, ginger extract, orange, and/or Guarana extract. Vitamins are more preferred.

25 Preferably, Biotin is included for normal macronutrient metabolism and normal functioning of the nervous, niacin for reduction of tiredness and fatigue and for normal psychological function, pantothenic acid for normal energy-yielding metabolism, for normal mental performance and for reduction of tiredness and fatigue.

For supporting the immune system, the carrier is preferably coffee. The at least one additional ingredient is preferably selected from vitamins (any of A, B6, B12, D3 and/or Folic acid), goji berry extract, pomegranate, lemon, honey, apple, wild berries, and/or birch leave extract. Vitamins are more preferred.

- 5 Preferably, vitamin A is included for normal immune system functioning, and normal iron metabolism, vitamin B6 for normal immune system functioning, vitamin B6 for normal homocysteine metabolism and normal cysteine synthesis, vitamin B12 for normal immune system functioning, and normal homocysteine metabolism, vitamin C for maintaining normal immune system functioning during and after intense physical and normal function of the im-
- 10 mune system exercise, vitamin D for normal immune system functioning, and folic acid for normal immune system functioning and normal homocysteine metabolism.

- The extract from the capsules are preferably used at a dosing level of from 1 to 3 capsules per day, for instance 3 capsules per day. We have noticed that subjects consume the carrier over the course of the day in separate dosages. We have then found that a combination of the carrier with the at least one additional ingredients in fixed amounts per container leads to benefi-
- 15 cial dosages of the additional ingredient at fixed amounts spread throughout the day. This allows for an easy manner not only to prepare the beverage, but also to administer each dose and even spreading the dose of the additional ingredient over the course of the day, up to the maximum daily dosage of the additional ingredient. Compared to one shot dosing of addition-
- 20 al ingredients, which is often the case with vitamin tablets but also other beneficial ingredients, the present invention allows for dosage that is beneficially spreads the daily dosage over the course of the day, increasing exposure to the beneficial ingredient over time and offering the option of lowering each dosage. The invention leverages that tea and/or coffee are often drunk throughout the day, allowing spread-out dosages over the course of the day, as opposed
- 25 to less preferred once-a-day dosing.

It will be understood that the invention is not limited to the following supporting preferred examples.

- In each of the examples, all of the ingredients are listed with specific percentages. However, it will be obvious to the skilled person that all ingredients can also be used in certain ranges
- 30 around the listed specific percentages. As a general approach, it can be assumed that all of the

ingredients can range +/- 20 % or +/- 10 % around their listed specific values, in relation to the listed specific values. However, of course they still need to sum up to 100 %.

Examples

5

Example 1 – slimming tea with lemon

The following composition for use in slimming was prepared by mixing the ingredients:

<u>Ingredient</u>	<u>weight (g per 100 g)</u>
Isomaltulose	77.12
10 Konjak root ekstrakt (at least 80% purity)	15.63
Citric acid	4.35
Lemon aroma	1.38
White tee extract	0.80
Lemon juice powder	0.11
15 Pine apple power	0.10
Green tea extract	0.10
Artichoke extract	0.10
Spirulina algae extract	0.10
Garcinia cambogia extract	0.10
20 Green coffee extract	0.10
Safran	0.02

4 grams of the composition was packaged in a capsule that was used – using an espresso machine - for preparation of a beverage with a slimming benefit.

5 Example 2 – detoxification tea with Papaya-Hibiskus

The following composition was prepared by mixing the ingredients (in %): Isomaltulose, Cholin-L-Bitratrate, Papaya and acai fruit juice powder (2.7%), natural aroma, Hibiscus extract (1.5%)

10 Citric acid, Curcuma root extract, Sencha Green tee extract (0.5%), Ginger extract (0.1%), Chlorella-algae extract (0.1%), and Coriander extract (0.1%).

The composition was packaged in a container and an aqueous extract was prepared for a detoxification benefit.

15 Example 3 – energy coffee with vitamins

The following composition was prepared by mixing the ingredients: ground coffee, caffeine, Vitamins (B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, Niacin), coffee bean extract (0.1%), Taurine (0.1%), Kola nut extract (0.1 %), Guarana extract (0.1 %).

20 1 capsule (5g) of the composition comprises on average:

Vitamin B1 0.367 mg - 33.3 % NRV*

Vitamin B2 0.467 mg - 33.3 % NRV*

Vitamin B6 0.467 mg - 33.3 % NRV*

Vitamin B12 0.83 µg - 33.3 % NRV*

Folic acid 66.7 µg - 33.3 % NRV*

Biotin 16.7 µg - 33.3 % NRV*

Pantothenic acid 2.00 mg - 33.3 % NRV*

5 Niacin 5.33 mg - 33.3 % NRV*

Taurine 5 mg - 1 % NRV*

Consumption of the prepared coffee beverage provided a beneficial energetic effect on the body.

10 Example 4 – immune system supporting coffee with vitamins

The following composition was prepared by mixing the following ingredients: ground coffee, vitamins, goji berry extract (0.1%), and birch leave extract (0.1%).

1 capsule (5g) of the composition comprises on average:

15 Vitamin A 267 µg - 33.3 % NRV*

Vitamin B6 0.47 mg - 33.3 % NRV*

Vitamin B12 0.83 µg - 33.3 % NRV*

Vitamin D3 1.67 µg - 33.3 % NRV*

Folic acid 66.7 µg - 33.3 % NRV*

The capsule was use to prepare a coffee beverage that provided an immune system supporting effect.

*NRV: Nutrient Reference Values (according to Art. 32 Anhang XIII Verordnung 1169/2011/EU, Referenzmenge für einen durchschnittlichen Erwachsenen (8400 kJ / 2000 kcal).

5

Examples 5-16

The compositions of the following examples 5 to 16 were prepared by mixing the ingredients at the level indicated.

10 Example 5 – Detoxification white tea with watermelon and gardenia

Ingredients	quantity % by weight
Isomaltulose	88
natural flavours	5,5
Stevia	2
citric acid	0,4
silicon dioxide	0,2
blue gardenia extract	0,2
choline bitartrate	2,1
Alga chlorella	0,1
DHA, EPA, ALA	0,2
white tea extract	0,9
vitamin A, B6, B12, D3, C, folic acid (B9)	0,5
Total	100

Example 6 - Detoxification herbal tea with carrots, lemon and ginger

Ingredients	quantity % by weight
isomaltulose	83
natural flavours	8,8
Stevia	0,4
citric acid	2
silicon dioxide	0,2
beetroot extract	1,6
beta carotene	1
choline bitartrate	2,06
alga chlorella	0,1
DHA, EPA, ALA	0,2
black tea extract	0,1
20 herbs extract	0,1
vitamin A, B6, B12, D3, C, folic acid (B9)	0,5
Total	100

Example 7 - Energy tea with ginseng and guarana

ingredients	quantity % by weight
isomaltulose	85,5
natural flavours	8
citric acid	3,2
curcumin	0,4
stevia	0,4
guarana' extract	0,4
white tea extract	0,9
silicon dioxide	0,2
taurine	0,125
ginseng extract	0,1

beta carotene	0,024
vitamin B1, B2, B6, B12, C, folic acid (B9), biotin (B7), pantothenic acid (B5), niacin (B3)	0,7
Total	100

Example 8 - Energy herbal tea with orange and ginger

Ingredients	quantity % by weight
isomaltulose	77,4
natural flavours	11
ginger extract	5
citric acid	2,6
hibiscus extract	2
stevia	0,4
acai extract	0,4
silicon dioxide	0,2
black tea extract	0,1
mate extract	0,1
Taurine	0,125
beta carotene	0,1
20 herbs extract	0,1
Vitamin B1, B2, B6, B12, C, folic acid, Biotin, Pantothenic acid, niacin	0,7
Total	100

Example 9 - Immune system supporting white tea with pomegranate, lemon and honey

ingredients	quantity % by weight
isomaltulose	92,1
natural flavours	3,6
citric acid	2
Stevia	0,4
cochineal carmine	0,25
silicon dioxide	0,2
white tea extract	0,9
vitamins A, B6, B12, C, D3, folic acid	0,5
Total	100

Example 10 - Immune system supporting white tea with apple and honey

Ingredients	quantity % by weight
isomaltulosio	91,2
flavour	4
citric acid	1,6
safflower extract	0,6
blue gardenia extract	0,6
STEVIA	0,4
silicon dioxide	0,2
white tea extract	0,9
vitamin A, B6, B12, C, D3 and folic acid	0,5
Total	100

Example 11 - Immune system supporting white tea with apple and lemon

ingredients	quantity % by weight
isomaltulose	90,4
natural flavours	3,6
citric acid	2,8
safflower extract	0,6
blue gardenia extract	0,6
stevia	0,4
silicon dioxide	0,2
white tea extract	0,9
vitamin A, B6, B12, C, D3 and folic acid	0,5
Total	100

Example 12 - Immune system supporting herbal tea with wild berries

ingredients	quantity % by weight
isomaltulose	77,5
natural flavours	12
red berries juice powder	2,6
beetroot extract	2,2
hibiscus extract	2
citric acid	2
STEVIA	0,4
silicon dioxide	0,2
black tea extract	0,1
herbs extract	0,1
rosehip extract	0,1
red grape extract	0,1

echinacea extract	0,1
gentian extract	0,1
vitamin A, B6, B12, C, D3 and folic acid	0,5
Total	100

Example 13 - Slimming white tea with lemon

ingredients	quantity % by weight
isomaltulose	74,8
glucomannan	15,6
citric acid	4,3
lemon juice powder	0,1
silicon dioxide	1,5
tricalcium phosphate	0,75
natural flavours	1,5
white tea extract	0,9
artichoke extract	0,1
spirulina extract	0,01
extract Garcinia Cambogia	0,1
green coffee extract	0,1
pineapple juice powder	0,1
saffron	0,02
Total	100

Example 14 - Slimming herbal tea with lemon and melissa

Ingredients	quantity % by weight
isomaltulose	75,3
glucomannan	15,6
citric acid	3,75
silicon dioxide	1,5
tricalcium phosphate	0,75
natural flavour	2
melissa extract	0,6
spirulina extract	0,01
extract Garcinia Cambogia	0,1
green coffee extract	0,1
20 herbs extract	0,1
black tea extract	0,1
gentian extract	0,05
saffron	0,02
Total	100

Example 15 - Slimming coffee extract with herbs and pineapple

Ingredients	quantity % by weight
isomaltulose	69
glucomannan	15,6
citric acid	2,6
natural flavour	6,7
silicon dioxide	3
tricalcium phosphate	1
pineapple juice powder	0,6
spirulina extract	0,2
extract Garcinia Cambogia	0,2
green coffee extract	0,2
20 herbs extract	0,2
gentian extract	0,1
Saffron	0,04
Total	100

Example 16 - Slimming coffee

Ingredients	quantity % by weight
soluble coffee	79,2
Glucomannan	20,2
green coffee extract	0,1
extract fico d'India	0,1
extract african mango	0,1
extract spirulina	0,1
extract guarana	0,1
extract garcinia cambogia	0,1
saffron	0,02
Total	100

The compositions of Examples 5-16 were each introduced in a sachet that was subsequently sealed. To prepare a drink, the sachet was opened and the composition was mixed with water in a cup. Separately, 5 gram of each of the compositions of examples 5-16 was used to produce a hot beverage by putting the capsule with the composition in a coffee machine capsule.

- 5 The capsule was subsequently introduced in a capsule espresso machine and water was passed under pressure through the capsule, extracting the composition and producing a hot beverage. The beverages were drunk throughout the day up to the daily dosage of the ingredients.

Claims:

1. Method of preparing a beverage by extracting a composition,
wherein the composition comprises a carrier selected from coffee and/or tea and/or herbs

and wherein the composition further comprises at least one additional ingredient selected from:
 - an ingredient for slimming selected from lemon, Konjak root extract, pineapple extract, artichoke extract, spirulina-algae extract, Garcinia-Cambogia extract and/or Melissa extract; and/or
 - an ingredient for detoxification selected from papaya extract, acai extract, hibiscus extract, curcuma root extract, ginger, chlorella-algae extract, Coriander extract, watermelon, gardenia, and/or carrots; and/or
 - an ingredient for increasing energy levels selected from Vitamins (any of B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and/or Niacin), Taurine, Kola nut extract, Ginseng extract, ginger extract, orange, and/or Guarana extract; and/or
 - an ingredient for supporting the immune system selected from vitamins (any of A, B6, B12, D3 and/or Folic acid), goji berry extract, pomegranate, lemon, honey, apple, wild berries, and/or birch leave extract.
2. Method according to claim 1, wherein the composition is present in a capsule.
3. Method according to claim 2, wherein for extracting, water is passed through the composition.
4. Method according to claim 3, wherein the capsule comprising the composition is introduced in a capsule coffee machine and water – preferably hot water – is passed through the capsule to prepare the beverage.

5. Method according to any of the preceding claims, wherein
 - the ingredient for slimming is selected from lemon and konjak root extract;
 - the ingredient for detoxification is selected from hibiscus extract and acai extract;
 - the ingredient for increasing energy levels is selected from vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; and
 - the ingredient for supporting the immune system is selected from vitamins A, B6, B12, D3 and/or Folic acid.
6. Method according to any of the preceding claims, wherein the composition comprises an ingredient for slimming, wherein the carrier is tea – preferably tea leaves –, and wherein the composition further comprises glucomannan.
7. Method according to any of the preceding claims, wherein the composition comprises an ingredient for detoxification, wherein the carrier is tea – preferably tea leaves –, and the composition further comprises choline, EPA, DHA and/or ALA.
8. Method according to any of claims 2-7, wherein the capsule comprises an open compartment comprising the composition and with a plastic and/or aluminum outside wall, wherein the capsule has a protruding rim, and with a membrane attached to the rim at the top.
9. Beverage preparation unit, preferably beverage preparation capsule, comprising a composition wherein the composition comprises a carrier selected from coffee and/or tea and/or herbs in combination with an additional ingredient selected from:

- an ingredient for slimming selected from lemon, Konjak root extract, pineapple extract, artichoke extract, spirulina-algae extract, Garcinia-Cambogia extract and/or Melissa extract,
 - o preferably lemon and konjak root extract;
 - an ingredient for detoxification selected from papaya extract, acai extract, hibiscus extract, curcuma root extract, ginger, chlorella-algae extract, Coriander extract, watermelon, gardenia, and/or carrots,
 - o preferably hibiscus extract and acai extract;
 - an ingredient for increasing energy levels selected from Vitamins (any of B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and/or Niacin), Taurine, Kola nut extract, Ginseng extract, ginger extract, orange, and/or Guarana extract,
 - o preferably vitamins B1, B2, B6, B12, Folic acid, Biotin, Pantothenic acid, and Niacin; or
 - an ingredient for supporting the immune system selected from vitamins (any of A, B6, B12, D3 and/or Folic acid), goji berry extract, pomegranate, lemon, honey, apple, wild berries, and/or birch leave extract
 - o preferably vitamins A, B6, B12, D3 and Folic acid.
10. Unit according to claim 9, wherein the capsule comprises an open compartment comprising the composition and with a plastic and/or aluminum outside wall, wherein the capsule has a protruding rim, with a membrane attached to the rim at the top.
11. Unit according to claim 10, wherein the compartment is filled with at least 3 g, preferably at least 4,0, 4,5 or 5,0 g, of the composition.
12. Unit according to claim 10 or 11, wherein the compartment is filled with at most 7 g, preferably at most 6,5, 6,0 or 5,5 g, of the composition.
13. Unit according to any of claims 9-12, wherein the capsule comprises tea leaves.

14. Unit according to any of claims 9-13 for use in slimming, for use in detoxification, for use in increasing energy levels and/or for use in supporting the immune system.

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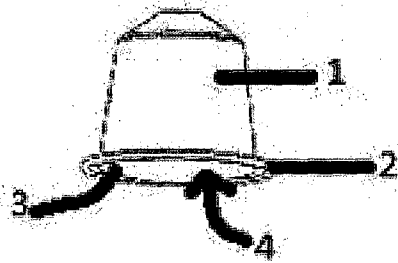


Figure 1