

7

0.240 g of  $(\text{MgCO}_3)_4 \cdot \text{Mg}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$

1.8 g of phosphoric acid

40 g of sucrose

plant and aromatic extracts

are added separately, per one liter of drink, to a wholly reconstituted drink based on sugar and on phosphoric acid.

The resulting pH is 3.

## EXAMPLE 6

A nutraceutical drinkable solution comprises, per one liter of drink:

1.25 g of  $\text{CaCO}_3$

0.40 g of  $(\text{MgCO}_3)_4 \cdot \text{Mg}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$

4 g of citric acid

40 g of sucrose

10 g of inulin

100 mg of ascorbic acid plant and aromatic extracts.

The resulting pH is 4.1.

What is claimed is:

1. A supplemental preparation for a drink, as a combination product for simultaneous or separate use to be formed in situ, comprising calcium carbonate and basic magnesium carbonate in a Ca/Mg ratio by weight of between 1 and 6, wherein the resulting drink is enriched with calcium and magnesium in a soluble form, wherein said preparation comprises citric or phosphoric acid in an amount such that the pH of the resulting drink is:

between 2.8 and 4.5, if the acid is citric acid, and

between 2.5 and 3.5, if the acid is phosphoric acid.

2. A supplemental preparation for a drink according to claim 1, wherein said Ca/Mg ratio is between 3 and 6.

3. A supplemental preparation for a drink according to claim 1 or 2, further comprising a sugaring agent selected from the group consisting of sucrose, glucose and fructose.

4. A supplemental preparation for a drink according to claim 1, further comprising an oligosaccharide chosen from the group consisting of fructooligosaccharides, inulin and synthetic oligosaccharides.

5. A supplemental preparation for a drink according to claim 4, wherein said inulin is dissolved beforehand in boiling water.

6. A supplemental preparation for a drink according to claim 1, further comprising a substance based on vitamin C.

7. A supplemental preparation for a drink according to claim 1, further comprising a plant extract and/or a natural or synthetic flavoring.

8. A supplemental preparation for a drink according to claim 1, wherein said combination product is in the form of an effervescent tablet.

9. A supplemental preparation for a drink according to claim 1, further comprising citrate or phosphoric acid, wherein the citrate/calcium ratio in the resulting drink is between 6 and 30 when the acidifier is citric acid, and the phosphoric acid/calcium ratio is between 1.6 and 3.2 when the acidifier is exclusively phosphoric acid.

10. A supplemental preparation according to claim 9, wherein said ratio is between 8 and 20.

8

11. A supplemental preparation for a drink according to claim 1, wherein said resulting drink is acidified with citric or phosphoric acid, and:

if said drink is acidified with citric acid, comprises:

Ca	0.1 to 1 g/l
Mg	0.025 to 0.250 g/l optionally
sugaring agent	15 to 100 g/l
fructooligosaccharides	5 to 15 g/l

- a substance based on vitamin C, plant extracts and/or flavorings,

if said drink is acidified with phosphoric acid, comprises:

Ca	0.1 to 0.4 g/l
Mg	0.025 to 0.12 g/l optionally
sugaring agent	15 to 100 g/l
fructooligosaccharides	5 to 15 g/l

- a substance based on vitamin C, plant extracts and/or flavorings.

12. A supplemental preparation for a drink according to claim 1, further comprising citric acid in an amount sufficient to maintain the concentration of calcium in said resulting drink greater than 0.5 g/l, the pH of said drink between 2.8 and 4.5, and a citrate/calcium ratio between 6 and 30, whereby said drink is suitable for preventing or treating osteoporosis.

13. A supplementation preparation according to claim 12, wherein said ratio is between 8 to 20.

14. A supplemental preparation for a drink according to claim 1, wherein said resulting drink comprises:

Calcium	0.5 to 1 g/l
Magnesium	0.1 to 0.2 g/l
Citric acid	3.5 to 7 g/l
Sucrose	15 to 100 g/l
and/or fructose	10 to 50 g/l
and/or glucose	10 to 50 g/l
oligosaccharides	5 to 15 g/l

- pH of between 2.8 and 4.5

- with a Ca/Mg ratio of between 1 and 6,

- with a citrate/calcium ratio of between 6 and 30,

- with a supplementation of ascorbic acid.

15. A supplemental preparation for a drink according to claim 14, wherein said Ca/Mg ratio is between 3 and 6, and said citrate/calcium ratio is 8 and 20.

16. A supplemental preparation for a drink according to claim 1, wherein before the preparation, said drink is a natural water which is low in Ca, Mg, and sulfate.

17. A supplemental preparation for a drink according to claim 16, wherein the concentration of Ca is less than about 100 mg/l, the concentration of Mg is less than about 50 mg/l, and the concentration of sulfates is less than about 400 mg/l.

18. A supplemental preparation for a drink according to claim 1, wherein said drink is acidulated water and further comprises fruit flavorings or natural plant extracts selected from the group consisting of red berries, citrus fruits, or soluble extracts of edible plants and/or fruits.

19. A drink rich in calcium and magnesium obtained by incorporation of a preparation comprising calcium carbonate and basic magnesium carbonate in a Ca/Mg ratio by weight