Claims

1. A coffee beverage comprising:

(a) a natural sugar in an amount corresponding to a sweetness intensity X1;

(b) a high-intensity sweetener in an amount corresponding to a sweetness intensity X2;

(c) 5 mg/100 ml to 90 mg/100 ml of sodium; and

(d) 15 mg/100 ml to 100 mg/100 ml of potassium and/or 0.5 mg/100 ml to 50 mg/100 ml of calcium,

wherein the high-intensity sweetener comprises at least one high-intensity sweetener b1 selected from the group consisting of rebaudioside M, rebaudioside D, rebaudioside N, rebaudioside O, rebaudioside E, a Luo han guo extract, mogroside V, and thaumatin; and

$0.1 < (X1 + X2) \leq 20$ is satisfied.

2. The coffee beverage according to Claim 1, wherein a sodium content is 25 to 60 mg/100 ml.

3. The coffee beverage according to Claim 1 or 2, comprising 25 to 70 mg/100 ml of potassium and/or 2 mg/100 ml to 25 mg/100 ml of calcium.

4. The coffee beverage according to any one of Claims 1 to 3, wherein energy is 50 Kcal/100 ml or less.

5. The coffee beverage according to any one of Claims 1 to 4, wherein X1 is 0.1 to 5.9.

6. The coffee beverage according to any one of Claims 1 to 5, which comprises 40 mg/100 ml to 100 mg/100 ml of caffeine.

7. The coffee beverage according to any one of Claims 1 to 6, wherein the natural sugar is at least one selected from the group consisting of glucose, sucrose, fructose, maltose, oligosaccharide, high-fructose corn syrup, lactose, psicose, allose, tagatose, and a combination thereof.

8. The coffee beverage according to any one of Claims 1 to 7, wherein the high-intensity sweetener b1 is at least one selected from the group consisting of rebaudioside M, rebaudioside D, a Luo han guo extract, mogroside V, and a combination thereof.

9. The coffee beverage according to any one of Claims 1 to 8, wherein the sodium is at least one selected from the group consisting of sodium chloride, sodium hydroxide, sodium malate, sodium sulfate, sodium citrate, sodium phosphate, sodium carbonate, sodium disulfide, sodium bicarbonate, sodium alginate, sodium argininate, sodium glucoheptanoate, sodium gluconate, sodium glutamate, sodium tartrate, sodium aspartate, sodium lactate, sodium caseinate, sodium ascorbate, and a mixture thereof.

10. The coffee beverage according to any one of Claims 1 to 9, wherein the potassium is at least one selected from the group consisting of potassium alginate, potassium chloride, potassium citrate, potassium gluconate, L-

potassium glutamate, potassium bromate, DL-potassium hydrogen tartrate, L-potassium hydrogen tartrate, potassium nitrate, potassium hydroxide, potassium sorbate, potassium carbonate, potassium lactate, potassium norbixin, potassium pyrosulfate, tetrapotassium pyrophosphate, potassium ferrocyanide, potassium polyphosphate, potassium metaphosphate, potassium aluminum sulfate, potassium sulfate, tripotassium phosphate, dipotassium hydrogen phosphate, potassium dihydrogen phosphate, and a mixture thereof.

11. The coffee beverage according to any one of Claims 1 to 10, wherein the calcium is at least one selected from the group consisting of L-calcium ascorbate, calcium alginate, calcium disodium ethylenediaminetetraacetate, calcium chloride, calcium carboxymethyl cellulose, calcium citrate, calcium glycerophosphate, calcium gluconate, L-calcium glutamate, calcium silicate, calcium acetate, calcium oxide, calcium hydroxide, calcium stearate, calcium stearoyl lactate, calcium sorbate, calcium carbonate, calcium lactate, calcium pantothenate, calcium dihydrogen pyrophosphate, calcium ferrocyanide, calcium propionate, calcium 5'-ribonucleotide, calcium sulfate, tricalcium phosphate, calcium monohydrogen phosphate, calcium dihydrogen phosphate, and a mixture thereof.

12. The coffee beverage according to any one of Claims 1 to 11, wherein the coffee beverage comprises 25 to 40 mg/100 ml of sodium, comprises 25 to 70 mg/100 ml of

potassium and/or 2 mg/100 ml to 25 mg/100 ml of calcium, and energy is 50 Kcal/100 ml or less, and X1 + X2 is 6 or more.

13. The coffee beverage according to any one of Claims 1 to 12, which is packed in a container.

14. A method ~~for~~of producing a coffee beverage, comprising to a raw material:

(i) adding (a) a natural sugar in an amount of a sweetness intensity X1 and (b) a high-intensity sweetener in an amount of a sweetness intensity X2;

(ii) adding (c) sodium such that a sodium content in the beverage is 5 mg/100 ml to 90 mg/100 ml; and

(iii) adding (d) potassium such that a potassium content in the beverage is 15 mg/100 ml to 100 mg/100 ml and/or calcium such that a calcium content in the beverage is 0.5 mg/100 ml to 50 mg/100 ml,

wherein the high-intensity sweetener comprises at least one high-intensity sweetener b1 selected from the group consisting of rebaudioside M, rebaudioside D, rebaudioside N, rebaudioside O, rebaudioside E, a Luo han guo extract, mogroside V, and thaumatin; and

$0.1 < (X1 + X2) \leq 20$ is satisfied.

15. The method according to Claim 14, wherein in the coffee beverage, the sodium content is 25 to 60 mg/100 ml.

16. The method according to Claim 14 or 15, wherein the coffee beverage comprises 25 to 70 mg/100 ml of potassium and/or 2 to 25 mg/100 ml of calcium.

17. The method according to any one of Claims 14 to 16, wherein energy of the coffee beverage is 50 Kcal/100 ml or less.

18. The method according to any one of Claims 14 to 17, wherein X1 is 0.1 to 5.9.

19. The method according to any one of Claims 14 to 18, wherein the coffee beverage comprises 40 mg/100 ml to 100 mg/100 ml of caffeine.

20. The method according to any one of Claims 14 to 19, wherein the natural sugar is at least one selected from the group consisting of glucose, sucrose, fructose, maltose, oligosaccharide, high-fructose corn syrup, lactose, psicose, allose, tagatose, and a combination thereof.

21. The method according to any one of Claims 14 to 20, wherein the high-intensity sweetener is at least one selected from the group consisting of rebaudioside M, rebaudioside D, a Luo han guo extract, mogroside V, and a combination thereof.

22. The method according to any one of Claims 14 to 21, wherein the sodium is at least one selected from the group consisting of sodium chloride, sodium hydroxide, sodium malate, sodium sulfate, sodium citrate, sodium phosphate, sodium carbonate, sodium disulfide, sodium bicarbonate, sodium alginate, sodium argininate, sodium glucoheptanoate, sodium gluconate, sodium glutamate, sodium tartrate,

sodium aspartate, sodium lactate, sodium caseinate, sodium ascorbate, and a mixture thereof.

23. The method according to any one of Claims 14 to 22, wherein the potassium is at least one selected from the group consisting of potassium alginate, potassium chloride, potassium citrate, potassium gluconate, L-potassium glutamate, potassium bromate, DL-potassium hydrogen tartrate, L-potassium hydrogen tartrate, potassium nitrate, potassium hydroxide, potassium sorbate, potassium carbonate, potassium lactate, potassium norbixin, potassium pyrosulfate, tetrapotassium pyrophosphate, potassium ferrocyanide, potassium polyphosphate, potassium metaphosphate, potassium aluminum sulfate, potassium sulfate, tripotassium phosphate, dipotassium hydrogen phosphate, potassium dihydrogen phosphate, and a mixture thereof.

24. The method according to any one of Claims 14 to 23, wherein the calcium is at least one selected from the group consisting of L-calcium ascorbate, calcium alginate, calcium disodium ethylenediaminetetraacetate, calcium chloride, calcium carboxymethyl cellulose, calcium citrate, calcium glycerophosphate, calcium gluconate, L-calcium glutamate, calcium silicate, calcium acetate, calcium oxide, calcium hydroxide, calcium stearate, calcium stearoyl lactate, calcium sorbate, calcium carbonate, calcium lactate, calcium pantothenate, calcium dihydrogen pyrophosphate, calcium ferrocyanide, calcium propionate,

calcium 5'-ribonucleotide, calcium sulfate, tricalcium phosphate, calcium monohydrogen phosphate, calcium dihydrogen phosphate, and a mixture thereof.

25. The method according to any one of Claims 14 to 24, wherein the coffee beverage comprises 25 to 40 mg/100 ml of sodium, comprises 25 to 70 mg/100 ml of potassium and/or 2 mg/100 ml to 25 mg/100 ml of calcium, energy is 50 Kcal/100 ml or less, and X1 + X2 is 6 or more.

26. A concentrate for providing the coffee beverage according to Claim 1, comprising:

(a) a natural sugar in an amount corresponding to a sweetness intensity X4;

(b) a high-intensity sweetener in an amount corresponding to a sweetness intensity X5;

(c) 50 mg/100 ml to 900 mg/100 ml of sodium; and

(d) 150 mg/100 ml to 1000 mg/100 ml of potassium and/or 5 mg/100 ml to 500 mg/100 ml of calcium,

wherein $(X4 + X5) \leq 200$ is satisfied.

27. A method ~~for~~of enhancing sweetness of a coffee beverage, comprising containing:

(a) a natural sugar in an amount corresponding to a sweetness intensity X1,

(b) a high-intensity sweetener in an amount corresponding to a sweetness intensity X2,

(c) 5 mg/100 ml to 90 mg/100 ml of sodium, and

(d) 15 mg/100 ml to 100 mg/100 ml of potassium and/or 0.5 mg/100 ml to 50 mg/100 ml of calcium

in the coffee beverage.

28. A coffee beverage comprising:

(a) a natural sugar in an amount corresponding to a sweetness intensity X1;

(b) a high-intensity sweetener in an amount corresponding to a sweetness intensity X2;

(c) 5 mg/100 ml to 90 mg/100 ml of sodium; and

(d) 15 mg/100 ml to 150 mg/100 ml of potassium and/or 0.5 mg/100 ml to 50 mg/100 ml of calcium,

wherein the high-intensity sweetener comprises at least one high-intensity sweetener b1 selected from the group consisting of rebaudioside M, rebaudioside D, rebaudioside N, rebaudioside O, rebaudioside E, a Luo han guo extract, mogroside V, and thaumatin; and

$0.1 < (X1 + X2) \leq 20$ is satisfied.