CLAIMS

1. Non-therapeutic use of a composition comprising a horseradish leaf extract and/or a horseradish leaf processed product for improvement in physical activity efficiency, wherein:

the horseradish leaf extract is obtained by a first method comprising subjecting horseradish leaf raw material to a first enzymatic treatment and/or a first acid hydrolysis treatment, and a first extraction, and wherein the horseradish leaf extract comprises kaempferol;

the horseradish leaf processed product is obtained by a second method comprising subjecting horseradish leaf raw material to a second enzymatic treatment and/or a second acid hydrolysis treatment, and the second method not including an extraction, and wherein the horseradish leaf processed product comprises kaempferol; and

the composition is to be administered to a human at a dose of 2 mg to 30 mg of kaempferol per day.

2. The non-therapeutic use according to claim 1, wherein the improvement in physical activity efficiency is improvement in endurance.

3. The non-therapeutic use according to claim 1, wherein the improvement in physical activity efficiency is reduction of breathlessness.

4. Non-therapeutic use of a composition comprising a horseradish leaf extract and/or a horseradish leaf processed product for reducing fatigue,
wherein:

the horseradish leaf extract is obtained by a first method comprising subjecting horseradish leaf raw material to a first enzymatic treatment and/or a first acid hydrolysis treatment, and a first extraction, and wherein the horseradish leaf extract comprises kaempferol;

the horseradish leaf processed product is obtained by

a second method comprising subjecting horseradish leaf raw material to a second enzymatic treatment and/or a second acid hydrolysis treatment, and the second method not including an extraction, and wherein the horseradish leaf processed product comprises kaempferol; and

the composition is to be administered to a human at a dose of 2 mg to 30 mg of kaempferol per day.

5. Non-therapeutic use of a composition comprising a horseradish leaf extract and/or a horseradish leaf processed product for improving dynamic/kinetic visual acuity, wherein:

the horseradish leaf extract is obtained by a first method comprising subjecting horseradish leaf raw material to a first enzymatic treatment and/or a first acid hydrolysis treatment, and a first extraction, and wherein the horseradish leaf extract comprises kaempferol;

the horseradish leaf processed product is obtained by a second method comprising subjecting horseradish leaf raw material to a second enzymatic treatment and/or a second acid hydrolysis treatment, and the second method not including an extraction, and wherein the horseradish leaf processed product comprises kaempferol; and

the composition is to be administered to a human at a dose of 2 mg to 30 mg of kaempferol per day.

6. The non-therapeutic use according to any one of claims 1 to 5, wherein the composition comprises the horseradish leaf extract.

7. The non-therapeutic use according to any one of claims 1 to 6, wherein the composition comprises the horseradish leaf processed product.

8. The non-therapeutic use according to any one of claims 1 to 7, wherein the amount of kaempferol comprised in the composition is 2 mg to 30 mg.

9. The non-therapeutic use according to any one of claims 1 to 8, wherein the composition is to be administered at a dose of 2 mg to 30 mg of kaempferol per administration.

10. The non-therapeutic use according to any one of claims 1 to 9, wherein the composition is to be administered at a dose of 2.5 mg to 25 mg of kaempferol per day.

11. The non-therapeutic use according to any one of claims 1 to 10, wherein the composition is a food and drink.