

Claims

- [Claim 1] A food or beverage composition comprising:
a peptide consisting of an amino acid sequence represented by Gly-Pro-Glu-Gly-Ala-Pro-Gly-Lys-Asp (SEQ ID NO: 1) and/or a salt thereof.
- [Claim 2] The food or beverage composition according to claim 1,
wherein the peptide and/or a salt thereof is a peptide derived from hydrolyzed collagen type II of chicken cartilage and/or a salt thereof.
- [Claim 3] The food or beverage composition according to claim 1 or 2,
wherein the food or beverage composition contains hydrolyzed collagen type II of chicken cartilage.
- [Claim 4] The food or beverage composition according to any one of claims 1 to 3, further comprising an animal extract and/or a plant extract.
- [Claim 5] The food or beverage composition according to claim 4,
wherein the animal extract is chicken extract.
- [Claim 6] The food or beverage composition according to claim 5,
wherein the food or beverage composition contains carnosine and/or anserine and/or one or more salts thereof.
- [Claim 7] The food or beverage composition according to claim 6,
wherein the weight ratio of the total weight of the carnosine, anserine and salts thereof in terms of carnosine and anserine to the weight of the peptide and/or a salt thereof in terms of peptide (total of carnosine and anserine/peptide) is 1,000,000/1 to 100/1.
- [Claim 8] The food or beverage composition according to any one of claims 1 to 7,
wherein the food or beverage composition is used to reduce inflammation.
- [Claim 9] The food or beverage composition according to any one of claims 1 to 8,
wherein the food or beverage composition inhibits the production of at least one cytokine selected from the group consisting of macrophage inflammatory protein-1 (MIP-1), monocyte chemotactic protein-1 (MCP-1), interleukin-6 (IL-6), interleukin-7 (IL-7), interleukin-8 (IL-8), interleukin-9 (IL-9), interleukin-12 (IL-12) and regulated on activation, normal T cell expressed and secreted (RANTES).
- [Claim 10] The food or beverage composition according to any one of claims 1 to 9,

- wherein the food or beverage composition is used to prevent or alleviate inflammatory conditions or diseases.
- [Claim 11] The food or beverage composition according to any one of claims 1 to 10,
wherein the food or beverage composition is used to inhibit bone resorption activity of osteoclasts.
- [Claim 12] The food or beverage composition according to any one of claims 1 to 11,
wherein the food or beverage composition is used to prevent or alleviate conditions or diseases associated with bone loss.
- [Claim 13] The food or beverage composition according to claim 12,
wherein the conditions or diseases associated with bone loss include osteoporosis and osteopenia.
- [Claim 14] A method of producing a food or beverage composition, comprising:
adding a peptide consisting of an amino acid sequence represented by Gly-Pro-Glu-Gly-Ala-Pro-Gly-Lys-Asp (SEQ ID NO: 1) and/or a salt thereof.
- [Claim 15] The method according to claim 14,
wherein the adding includes adding hydrolyzed collagen type II of chicken cartilage, the hydrolyzed collagen type II containing the peptide and/or a salt thereof.
- [Claim 16] The method according to claim 14 or 15, further comprising adding an animal extract and/or a plant extract.
- [Claim 17] The method according to claim 16,
wherein the animal extract is chicken extract.
- [Claim 18] The method according to claim 17,
wherein the chicken extract contains carnosine and/or anserine and/or one or more salts thereof.
- [Claim 19] Use of a hydrolyzed collagen type II of chicken cartilage containing a peptide consisting of an amino acid sequence represented by Gly-Pro-Glu-Gly-Ala-Pro-Gly-Lys-Asp (SEQ ID NO: 1) and/or a salt thereof for the production of an anti-inflammatory composition.
- [Claim 20] Use of a peptide consisting of an amino acid sequence represented by Gly-Pro-Glu-Gly-Ala-Pro-Gly-Lys-Asp (SEQ ID NO: 1) and/or a salt thereof for the production of a composition for inhibiting bone resorption.
- [Claim 21] A composition for inhibiting bone resorption, comprising:
chicken extract as an active component.

- [Claim 22] The composition for inhibiting bone resorption according to claim 21, wherein the composition contains carnosine and/or anserine and/or one or more salts thereof.
- [Claim 23] Use of chicken extract for the production of a composition for inhibiting bone resorption.