CLAIMS

1. Kimchi prepared by salting and seasoning vegetables, and then fermenting the same with lactic acid bacteria, wherein the lactic acid bacteria comprises *Leuconostoc mesenteroides* KCTC 13043BP and *Lactobacillus plantarum* KCTC 11403BP.

2. The kimchi of claim 1, wherein the vegetables are selected from the group consisting of Kimchi cabbages, white radishes, spring onions, mustard leaves, cucumbers, and combinations thereof.

3. The kimchi of claim 2, wherein the vegetables are Kimchi cabbages.

4. The kimchi of claim 3, wherein the Kimchi cabbages are those with a high lycopene content.

5. The kimchi of claim 4, wherein the lycopene is contained in an amount of 0.05 to 5 mg per 100 g of the Kimchi cabbages.

6. The kimchi of claim 1, wherein the *Leuconostoc mesenteroides* KCTC 13043BP is contained in 0.01 to 5 wt% based on the total weight of the kimchi and the *Lactobacillus plantarum* KCTC 11403BP is contained in 0.01 to 5 wt% based on the total weight of the kimchi.

7. A composition for ameliorating a *Helicobacter*

pylori-associated disease, the composition comprising the kimchi of any of claims 1 to 6 or an extract thereof.

8. The composition of claim 7, wherein the kimchi extract is an extract obtained by extracting kimchi with water, an organic solvent or a mixed solvent thereof.

9. The composition of claim 8, wherein the organic solvent is selected from the group consisting of alcohols, hexane, ethers, glycerol, propylene glycol, butylene glycol, ethyl acetate, methyl acetate, dichloromethane, chloroform, benzene and mixed solvents thereof.

10. The composition of claim 8, wherein the mixed solvent is selected from the group consisting of water, a C_1-C_4 alcohol, and a mixed solvent of the C_1-C_4 alcohol and water.

11. The composition of claim 10, wherein the mixed solvent is an aqueous methanol solution or an aqueous ethanol solution.

12. The composition of claim 7, wherein the kimchi extract is selected from the group consisting of an extract, a concentrate of the extract, a dried product of the concentrate, and powders.