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(54) Title: METHOD OF ENHANCING VITAMIN B12 PRODUCTION IN PLANT-BASED MEDIA

(57) Abstract: The present disclosure relates to a method of enhancing vitamin B12 production in a plant-based medium. The method comprises inoculating a plant-based medium supplemented with a reducing agent with a bifidobacterium; and subjecting the plant-based medium supplemented with the reducing agent to conditions conducive to anaerobic fermentation of the plant-based medium for enhancing vitamin B12 production in the plant-based medium.

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