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Abstract
Bacillius subtilis have a number of potential applications which include their use as probiotics and competitive exclusion agents to control zoonotic pathogens in animal production. The effect of cultivation conditions on Bacillius subtilis growth was investigated in batch culture performed at a 5-L scale. Studies of the cultivation conditions of media composition i.e. 3% soluble starch, 4% yeast extract powder and mineral substance, led to increase an increase of maximum vegetative cell concentration, 16.96 g/L. This represents a 5–fold increase of cell concentration relative to that when glucose was employed to the carbon source.
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