

Submerged Culture of *Fomitopsis pinicola* Mycelium using Air Bubble Bioreactor

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Abstract

This studies was carried out basic information for optimal conditions of *Fomitopsis pinicola* mycelium. Several factors were examined for optimization of the culture. These include inoculum volume, aeration ratio, composition of the culture medium and growth characteristics in the bioreactor. The modified yield using the bubble reactor was 8.5 g/L. And the optimal medium were glucose 40 g, yeast extract 5 g, malt extract 10g, KH_2PO_4 1 g and $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ 0.5g per liter.

감사의 글

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