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德州地区野生黄伞菌种分离及发酵条件的初步研究

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Preliminary Research on Isolation of *Pholiota adiposa* (Wild type) in Dezhou Area and Optimization of Liquid Medium Culture

Key Laboratory of Biophysics in Universities of Shandong, Dezhou University, Dezhou 253023, China

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摘要 首次在德州发现野生黄伞, 并成功分离、保种, 得到菌种命名为DZS1。通过单因素试验对其液体发酵培养条件初步优化, 确定了DZS1摇瓶发酵的最适摇瓶发酵工艺条件: 起始pH值6.0, 培养温度24℃, 摇床转速 165 r/min, 摇瓶装量100 mL(250 mL摇瓶)。在此工艺基础上测定了DZS1的生长曲线

关键词: 德州野生黄伞 菌种分离 发酵

Abstract: *Pholiota adiposa* (wild type) was found in Dezhou for the first time. A strain of *P. adiposa* (wild type) was isolated and named DZS1. The submerged fermentation procedure was established by using single factor method optimization, the inocula incubated statically on a rotary shaker at 165 r/min, and 24℃ in 250mL flasks containing 100mL of synthetic medium (original pH 6.0). With this understanding, the curve of growth was presented.

Keywords: *Pholiota adiposa* isolation submerged fermentation

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