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Influence of the Ages of Inoculums in Submerged Fermentation Process

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ABSTRACT Insaccharides , the extra cellular polysaccharides , the extra cellular cellulase , the changes of the reduced sugar and pH in submerged fermentation process were studied. In this paper the effects of inoculums ages on the growth of mycelium , the cellular polysaccharides production and extra cellular polysaccharides were studied. It is seen that inoculums of cultivation for 4 days were higher than those with inoculums of cultivation for 6 days and 8 days. The output of exo-1 *A*- β -*D*-glucanase(enzyme C₁) and endo-1 *A*- β -*D*-glucanase(enzyme C_x) for 8 days were higher than those with inoculums of cultivation for 4 days and 6 days.

Key words *Aaricus blazei* Murril , the ages of inoculums , liquid submerged fermentation

欧美包装市场出现全新的食品专用包装纸

最近 欧美市场又推出了全新的 PLMEX 食品专用包装纸 , 它是 100% 纯纸浆 , 不含荧光剂和危害人体的化学物质 , 具有防水、防油、抗粘、耐热 (可耐 200 ~ 250℃ 高温) 的特点。使用方便、清理简单、安全卫生 , 符合美国 FDA 和德国 BGA 食品卫生标准。这种食品专用纸使用后经清水清洗可回收 , 并可以反复使用 50 次。这种食品纸有成卷的 , 也有压制成各种纸杯形状的 , 不管是用于蒸制、烘烤 , 还是微波加热 , 都不会变形和褪色。