

A Study on the Cultural Characteristics of *Agrocybe aegerita*

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Abstract

This Study was carried out to get mycelial growth and Exo-polysaccharide production of *Agrocybe aegerita*. The optimal medium for the mycelial growth was ME medium. The optimal temperature and pH were 25°C ± 1 and 5.5, respectively. Among the carbon sources tested, dextrin was effected to the mycelial growth and Exo-polysaccharide production. As nitrogen sources, yeast extract appeared to be favorable.