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A Study on the Cultivation Characteristic of *Mycoleptodonooides aitchisonii* Mycelium in Flask Culture

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This Study was carried out to investigate the optimal cultural conditions for mycelial growth of *Mycoleptodonooides aitchisonii*. The optimal medium for the mycelial growth was YMG(glucose 4.00% (w/v), yeast extract 0.80% (w/v), malt extract 2.00% (w/v)) medium. The optimal temperature and pH were 25°C ±1, and 5.5, respectively. The modified medium composition were lactose 4.00% (w/v), yeast extract 0.50% (w/v), poly-peptone 2.00% (w/v), KH₂PO₄ 0.4% (w/v), MgSO₄·7H₂O 0.02% (w/v). From the result of experiments on the nutritional requirement, the modified optimal medium was higher than YMG medium in mycelial growth.

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