

Study on Optimal Cultivation of  
*Mycoleptodonoides aitchisonii* Mycelium

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This Study was carried out to investigate the optimal cultural conditions for mycelial growth of *Mycoleptodonoides aitchisonii*.

The optimal medium for the mycelial growth was YMG medium. The optimal temperature and pH were  $25^{\circ}\text{C} \pm 1$ , and 5.5, respectively. The modified medium composition were lactose 5.0 g/L, yeast extract 5.0 g/L, poly-peptone 20.0 g/L,  $\text{KH}_2\text{PO}_4$  1.0 g/L,  $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$  1.5 g/L.

From the result of experiments on the nutritional requirement, the modified optimal medium was higher than YMG medium in mycelial growth.