**Production, purification and characterization of mannanase obtained from Pichia kudriavzevii strain AUMC 10190 isolated from citrus wastes**

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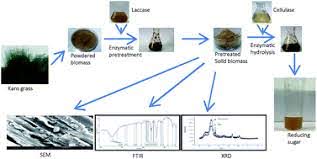
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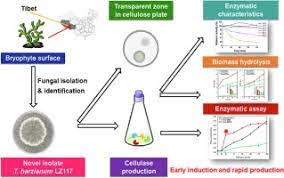
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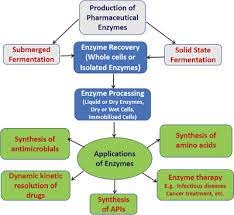
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**Citrus fruit peels 🡺 yeast inside conical flask 🡺 mannanase**

Incubation period, pH, temperature, carbon and nitrogen source were optimized



yeast

***mannanase***

**Incubation period, pH, temperature, carbon, nitrogen source**

Therefore, it can be concluded that *Pichia kudriavzevii* (AUMC 10190) isolated from citrus waste is potential yeast for the production of mannanase under suitable condition for higher yield.

**Keywords:** Gum Arabic, Mannanase, *Pichia kudriavzevii* (AUMC 101190), Yeasts