

## عنوان مقاله:

production, purification, precipitation and immobilization of lipases from microorganism of oil pollution environment

## محل انتشار:

سومین کنفرانس بین المللی یافته های نوین در علوم کشاورزی، منابع طبیعی و محیط زیست (سال: 1395)

تعداد صفحات اصل مقاله: 2

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## خلاصه مقاله:

Lipases is the extracellular enzyme constitute one of the most important groups of industrial enzymes. In this research, the bacteria isolated from refinery wastewater was belonged to gram negative bacteria. Some factors such as temperature, PH, source of carbon and nitrogen have affected on release of lipase. In order to, lipase isolated and purified then perception by ammonium sulphat then entrapped into Ca-alginate gel beads. The novel application of this immobilized lipase was in treatment of oily wastewater pollution

## کلمات کلیدی:

lipase enzyme, wastewater, oil pollution, immobilization

## لینک ثابت مقاله در پایگاه سیویلیکا:

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