

研究简报

小球藻细胞活性物质的提取及对啤酒酵母的生理效应

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摘要

关键词

分类号

Extraction of active substance from *Chlorella vulgaris* cells and its physiological effects on *Saccharomyces cerevisiae*

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Abstract

The study showed that freezing-thawing method could have a higher cellwall breakage rate, and a light injury to the active substance, which could not only increase the cell fission and growth, delay the death of *Saccharomycete* cells, but also enhance CO₂ production rate and quicken fermentation process when the cells were exposed to the medium with 0.5% active substance.

Key words [Chlorella vulgaris](#) [Active substance](#) [Extraction](#) [Saccharomycete](#) [Physiological effects](#)

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