

RESEARCH NOTES

## 短程蒸馏技术分离纯化二十八烷醇的研究

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**摘要** Octacosanol is purified by agitated short-path distillation (SPD). Effects of evaporation temperature, number of SPD steps in series and other distillation method on the octacosanol recovery and decomposition are studied. Although the experimental results indicate some decomposition when the mixture of higher primary aliphatic alcohols is distilled by SPD, SPD is still an effective method to purify octacosanol. It is concluded that evaporation temperature affects greatly on the purity and recovery of octacosanol.

**关键词** [short-path distillation](#) [beeswax](#) [octacosanol](#) [decomposition](#)

分类号

## Purification of Octacosanol by Agitated Short-Path Distillation

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### Abstract

Octacosanol is purified by agitated short-path distillation (SPD). Effects of evaporation temperature, number of SPD steps in series and other distillation method on the octacosanol recovery and decomposition are studied. Although the experimental results indicate some decomposition when the mixture of higher primary aliphatic alcohols is distilled by SPD, SPD is still an effective method to purify octacosanol. It is concluded that evaporation temperature affects greatly on the purity and recovery of octacosanol.

**Key words** [short-path distillation](#) [beeswax](#) [octacosanol](#) [decomposition](#)

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