

94文章

酯化衍生气相色谱新法测定苯甲酸与山梨酸

胡家元,
四川大学化学系.

收稿日期 修回日期 网络版发布日期 接受日期

摘要 In this paper, it is described that tetramethyl ammonium salts of sorbic, benzoic and phenylacetic acids react with 1-iodobutane directly in N,N-dimethylformamide solution to form butyl esters of the corresponding acids. The butyl esters can be well separated by gas chromatography on a column packed with 5%SE-30/102 silanized white support. This method has been used for the determination of benzoic and sorbic acids in foods and drinks. The analysis is simple, fast and accurate.

关键词 [气液色谱](#) [苯甲酸](#) [山梨酸](#) [衍生化](#) [饮料](#).

分类号

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(110KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中包含“气液色谱”的相关文章](#)
- ▶ 本文作者相关文章

· [胡家元](#)

Abstract

Key words

DOI:

通讯作者