

李志鲲 北京 总装备部军事医学研究所 100101

彭清涛 北京 总装备部军事医学研究所 100101

胡文祥 北京 总装备部军事医学研究所 100101

摘要: 本文采用气相色谱法测定酒中的甲醇, 色谱柱为HP—INNOWax毛细管柱(30m×0.32mm×0.25μm), 进样分流比20:1。得到线性回归方程为 $Y=250.11X-13.03$, 相关系数 $r=0.9978$ 。方法操作简便、快速, 能满足检测饮用酒中甲醇含量的要求。

关键词:

文章全文为PDF格式, 请下载至本机浏览。[[下载全文](#)]

如您没有PDF阅读器, 请先下载PDF阅读器 [Acrobat Reader](#) [[下载阅读器](#)]

Analysis of methanol in alcohol by capillary gas chromatography

100101

100101

100101

Abstract: A high performance gas chromatography method with FID for measuring methanol in alcohol is presented in the paper. Chromatography was performed on a HP-innowax capillary column. The calibration curve was linear within the range of 0.05-0.40mg/L. Regression equation: $Y=250.11X-13.03$, $r=0.9978$. The recovery we have detected is 98.4%. Conclusion: this method is simple, accurate and convenient.

Key words:

[【大 中 小】](#) [[关闭窗口](#)]