



中药中农药多残留气质检测方法研究进展

投稿时间: 2010-03-31 责任编辑: 王亚君 [点此下载全文](#)

引用本文: 刘东静·薛健·吴晓波.中药中农药多残留气质检测方法研究进展[J].中国中药杂志,2011,36(4):396.

DOI: 10.4268/cjmm20110403

摘要点击次数: 419

全文下载次数: 226

广告合作



作者中文名	作者英文名	单位中文名	单位英文名	E-Mail
刘东静	LIU Dongjing	中国医学科学院 北京协和医学院·药用植物研究所,北京 100193	Chinese Academy of Medical Sciences Peking Union Medical College Institute of Medicinal Plant Development, Beijing 100193, China	
薛健	XUE Jian	中国医学科学院 北京协和医学院 药用植物研究所,北京 100193	Chinese Academy of Medical Sciences Peking Union Medical College Institute of Medicinal Plant Development, Beijing 100193, China	xuejian200@sina.com
吴晓波	WU Xiaobo	中国医学科学院 北京协和医学院 药用植物研究所,北京 100193	Chinese Academy of Medical Sciences Peking Union Medical College Institute of Medicinal Plant Development, Beijing 100193, China	

基金项目:国家“重大创新药创制”科技重大专项(2009ZX09502-027);国家“十一五”科技支撑计划项目(2008BA155B02)

中文摘要:对中药中农药残留气质检测常用的提取、净化等前处理方法进行了总结,并对近年来发展起来的农药残留前处理方法如固相微萃取法、QuEChERS方法、基质固相分散萃取等技术进行了介绍,总结其应用特点。此外着重介绍中药中农药残留气质检测方法,并针对其自身的特点,对其中农药残留检测中的问题进行了分析。

中文关键词:中药 农药多残留 气质 检测 前处理

## Advances in determination of multi-residue pesticides in traditional Chinese medicine by GC-MS

**Abstract:**The current methods of preparation of pesticide residue analysis in traditional Chinese medicine were summarized in this paper. And the new preparation techniques used in recent years were reviewed, which included solid-phase micro-extraction(SPME), QuEChERS, matrix solid-phase dispersion(MSPD). In addition, the determination method of the pesticide residue methods in the traditional Chinese medicine were also included in the paper, and analysed the problem in the determination based on the characteristics of TCMs.

**keywords:**traditional Chinese medicine multi-residue pesticide GC-MS determination preparation.

[查看全文](#) [查看/发表评论](#) [下载PDF阅读器](#)