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摘要：本文主要研究固相微萃取技术在农药残留检测中的应用进展，对固相微萃取技术的特点、重要部件的选择进行总结，针对不同萃取方式和萃取条件对测试结果的影响进行综述，并介绍近年来固相微萃取与其他分析仪器联用在农药残留检测领域的应用与展望。

关键词：固相微萃取, SPME, 农残, 应用, 综述

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[Development of SPME in the detection of residual pesticides](#)

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Abstract: The development and application of SPME is mainly studied in the detection of residual pesticides, summarizes the characteristic of the solid-phase microextraction technic and the selection of the key parts, and reviews the testing effect about different extraction modes and extraction condition. Introduces recent years' s view and application about the SPME combining with other analysis instruments in the detection of residual pesticides.

Key words: Solid-phase microextraction, SPME, Residual pesticides, Application, Review

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