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摘要：介绍使用国产GC-MS3100仪器进行农药残留检测的方法，通过自制固相萃取柱进行样品提取和净化，背景干扰小，提取效率高，试验表明，本方法对于分析蔬菜中甲霜灵、克百威（呋喃丹）、毒死萆等农药是行之有效的。具有分析周期短、检测限低和线性范围宽等特点。

关键词：GC-MS, 农药残留, 国产仪器

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## Determination of pesticide residue with homemade GC-MS3100 GC-MS

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Abstract: A simple and sensitive method for determination of pesticide residue with homemade GC-MS3100 is introduced. The samples are extracted and purified with solid phase extraction cartridges, which are produced by our laboratory. The extractive efficiency is higher with small background interference. The test indicates that the method is very suitable for analyzing metalaxyl, carbofuran and chlorpyrifos etc. in vegetable. The method is satisfied with fast speed, good detection limit and wide linear range.

Key words: Gas-chromatography-mass spectrometer(GC-MS), Pesticide residue, Homemade instrument

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