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摘要：本文采用气相色谱法测定几类食品中的甜蜜素含量，实验结果表明，该方法有很好的线性关系，相关系数为0.9995，最低检出限为0.3 μ g，加标回收率在94.6%~106.4%，相对标准偏差RSD<4%；同时说明采用超声波方法处理固体样品能够处理完全。该方法简便快捷、准确度高、重现性好。

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[The determination of the cyclamate in food by derivative gas chromatography](#)

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Abstract: A new method for the determination of cyclamate in several food by gas chromatography was studied. It was shown that the cyclamate content was in a good linearity($r = 0.9995$) The lowest cyclamate content determined was 0.3 μ g. The recovery rate was 94.6%~106.4%.RSD value was less than 4%. At the same time ,the solid samples could be dealt with completely with the ultrasonic method. The method was simple ,rapid and accurate It could be applied to determine cyclamate content in foods.

Key words:

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