



## Fungicides in Apple Juice

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Waters Corporation



This is an Application Brief and does not contain a detailed Experimental section.

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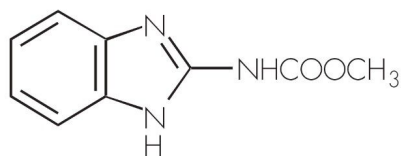
### Abstract

This application brief demonstrates analysis of fungicides in apple juice.

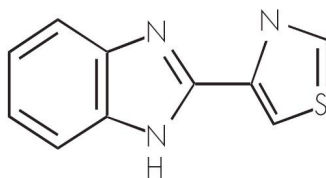
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## Introduction

The compounds analyzed in this study are - Carbendazim and Thiabendazole.



CARBENDAZIM



THIABENDAZOLE

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## Experimental

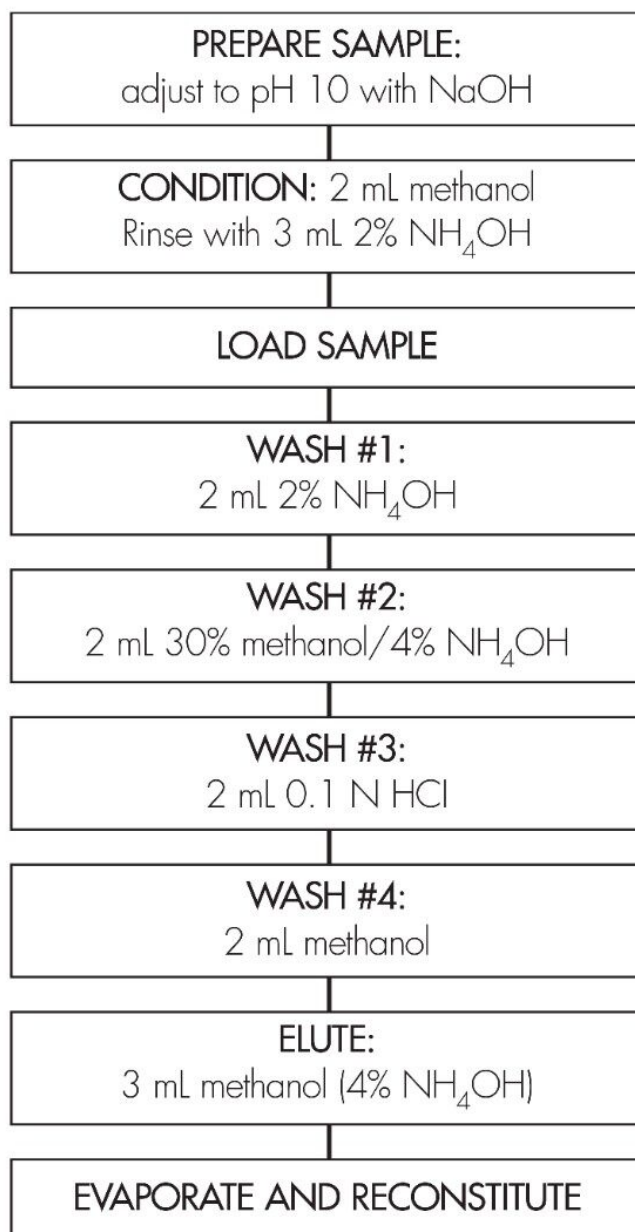
### LC Conditions

Column:	Xterra RP <sub>18</sub> , 4.6 x 100 mm, 3.5 µm
Part number:	186000438
Mobile phase:	72.5% KH <sub>2</sub> PO <sub>4</sub> /K <sub>2</sub> HPO <sub>4</sub> (20 mM pH 6.8) 27.5% CH <sub>3</sub> CN
Flow rate:	1 mL/min
Injection volume:	20 µL
Detection:	PDA (288 nm)

## OASIS® MCX SPE METHOD FOR FUNGICIDES

Conditions for Oasis® MCX Cartridge, 6 cc/150 mg

Part Number 186000256

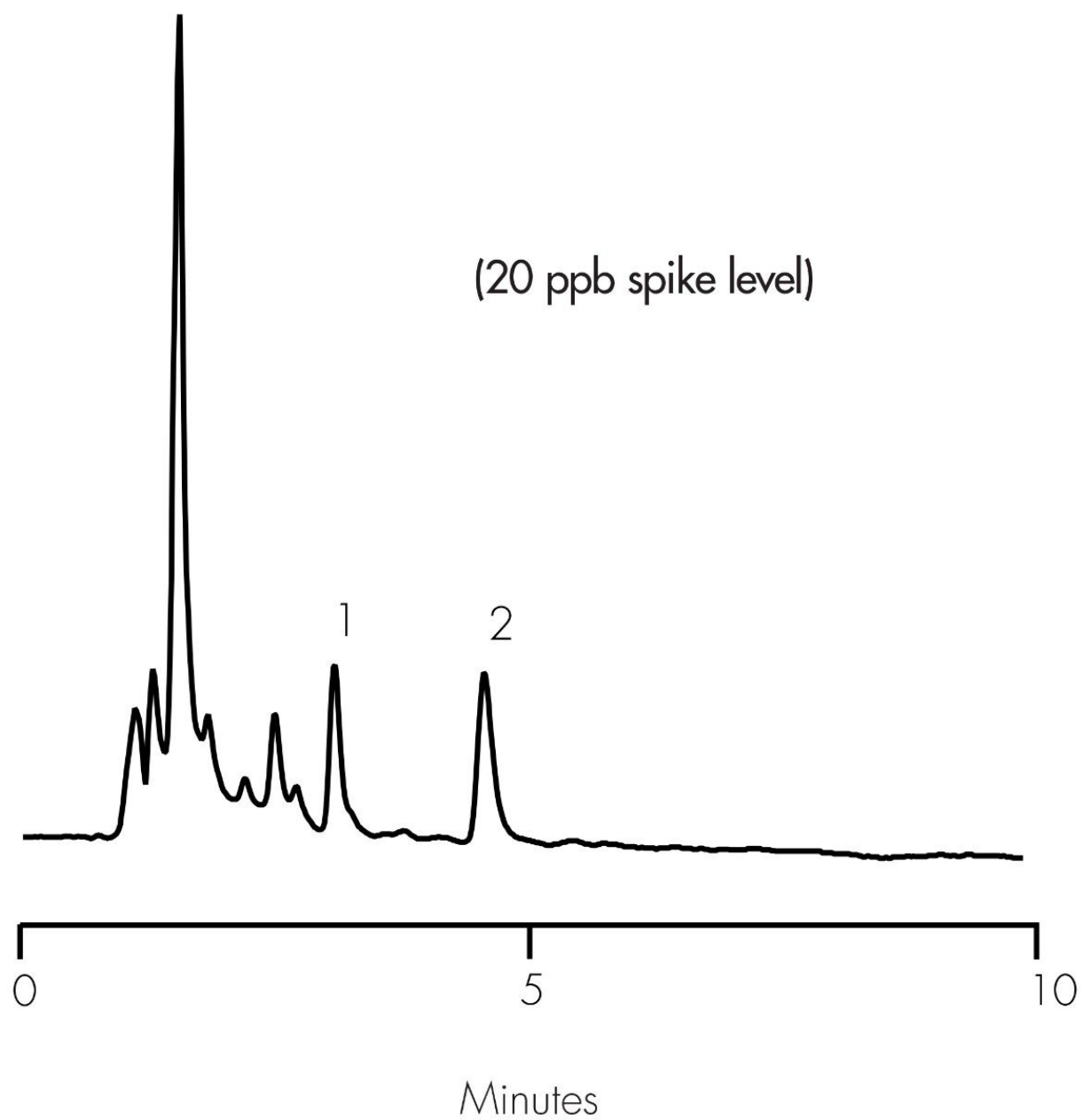


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Results and Discussion

Compounds	% Recovery, n=4
1. Carbendazim	82% (2% RSD)
2. Thiabendazole	96% (2% RSD)

## LC/PDA Chromatogram of Fungicides in Apple Juice



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WA31764.89, June 2003

