

## Fungicides in Orange Juice - XTerra RP18 Column

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Waters Corporation



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

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### Abstract

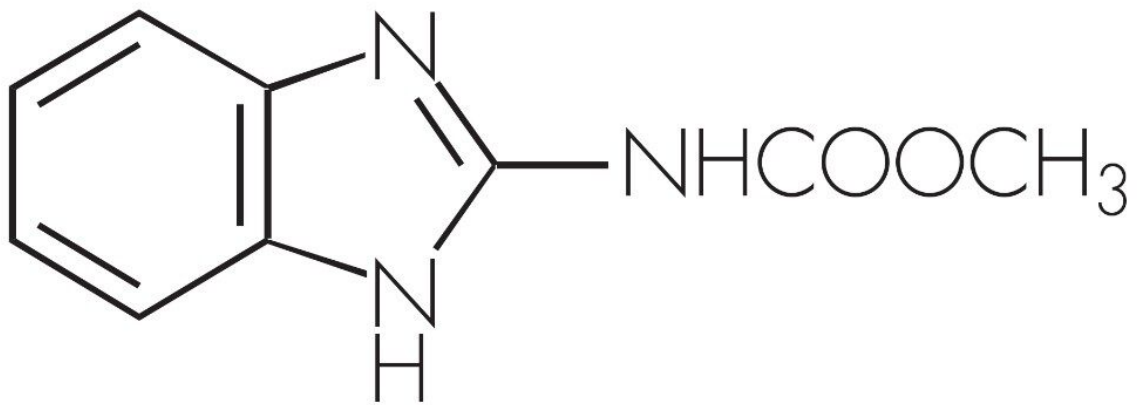
This application brief highlights the analysis of fungicides in orange juice using XTerra RP<sub>18</sub> Columns.

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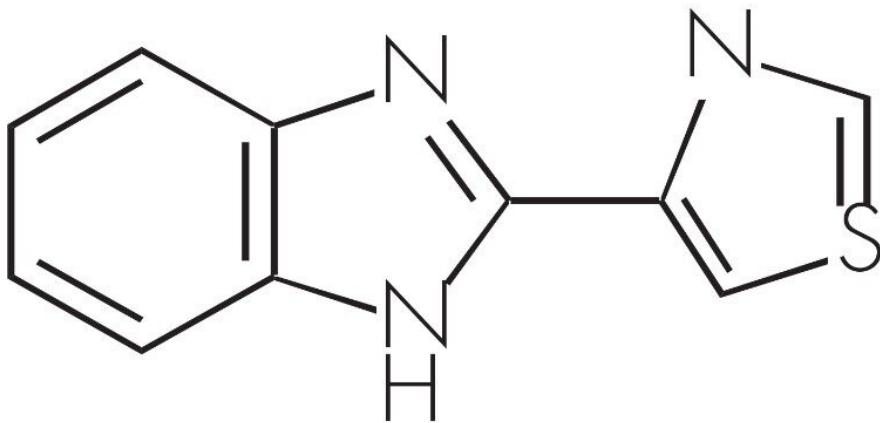
## Introduction

The compounds analyzed in this study are:

1. Carbendazim
2. Thiabendazole



Carbendazim

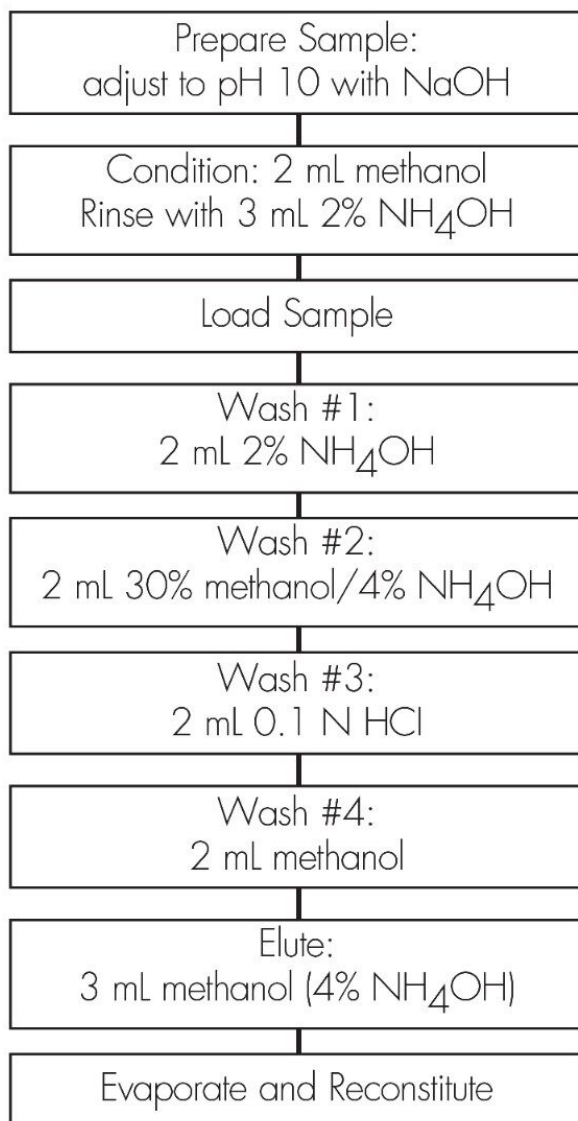


Thiabendazole

## Conditions

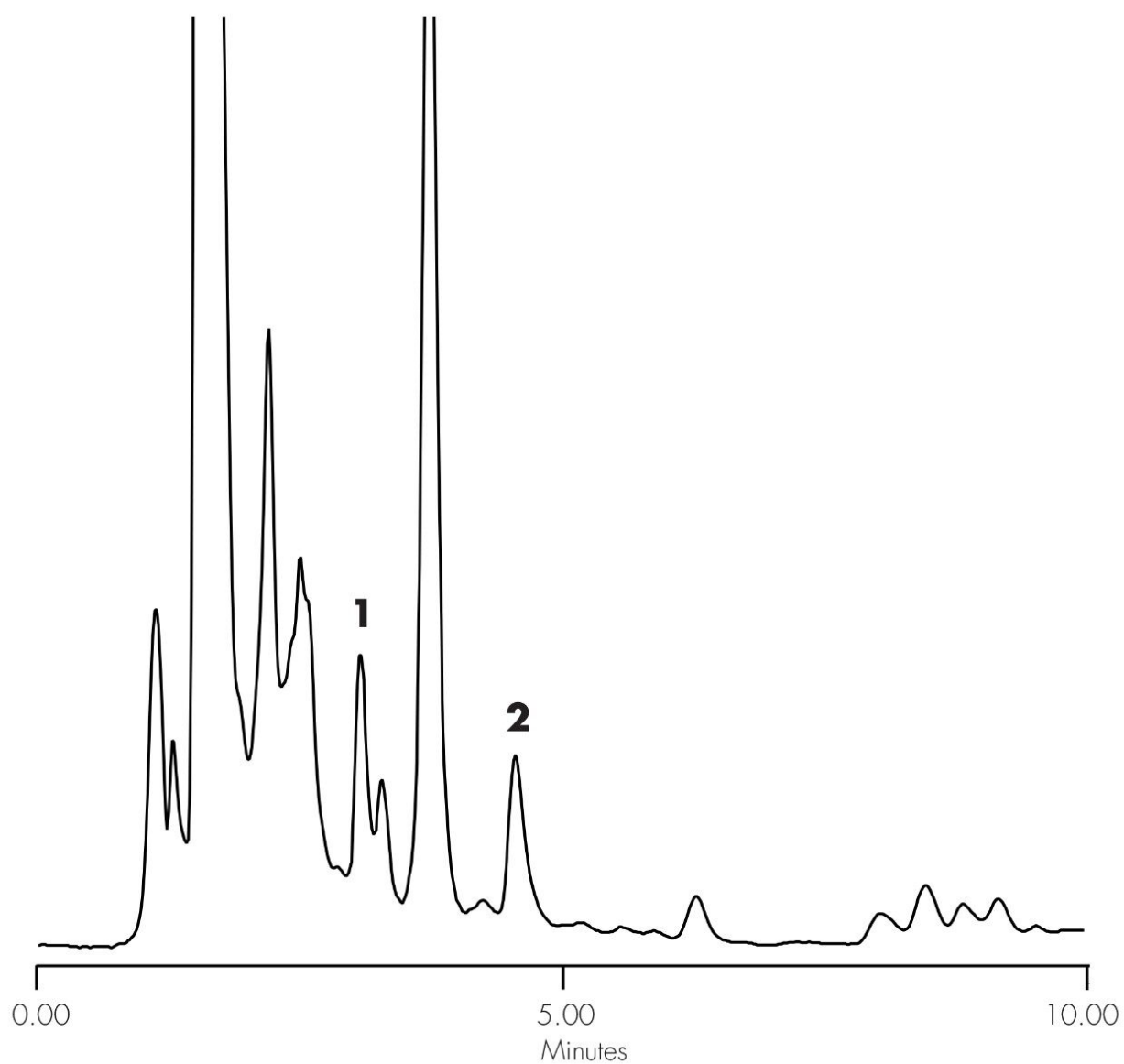
|                                     |                                                 |
|-------------------------------------|-------------------------------------------------|
| Column:                             | Xterra RP <sub>18</sub> 4.6 x 100 mm, 3.5 µm    |
| Part number:                        | 186000438                                       |
| Mobile phase A:                     | 20 mM Na <sub>2</sub> HPO <sub>4</sub> , pH 6.8 |
| Mobile phase B:                     | ACN                                             |
| Isocratic mobile phase composition: | 72.5%A; 27.5%B                                  |
| Flow rate:                          | 1.0 mL/min                                      |
| Injection volume:                   | 20 µl                                           |
| Detection:                          | UV @ 288 nm                                     |
| Instrument:                         | Alliance 2695, 2996 PDA                         |

Oasis® MCX SPE Method  
Conditions for Oasis® MCX Cartridge, 6 cc, 150 mg  
Part Number 186000256



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## Results and Discussion



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## Featured Products

Alliance HPLC System <<https://www.waters.com/534293>>

2998 Photodiode Array (PDA) Detector <<https://www.waters.com/1001362>>

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