

Note d'application

## Fungicides in Commercial Apple Cider- LC/UV-MS

---

Waters Corporation



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

---

### Abstract

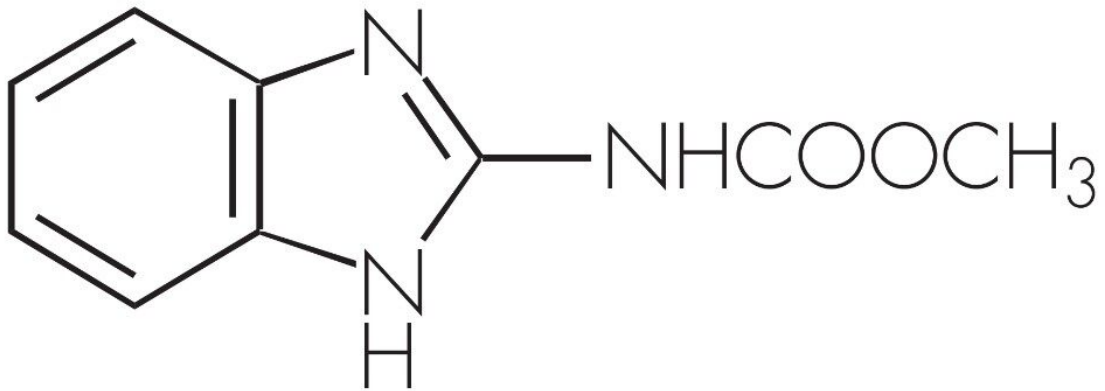
This application brief highlights the analysis of fungicides in commercial apple cider using XTerra MS C<sub>18</sub> Columns.

---

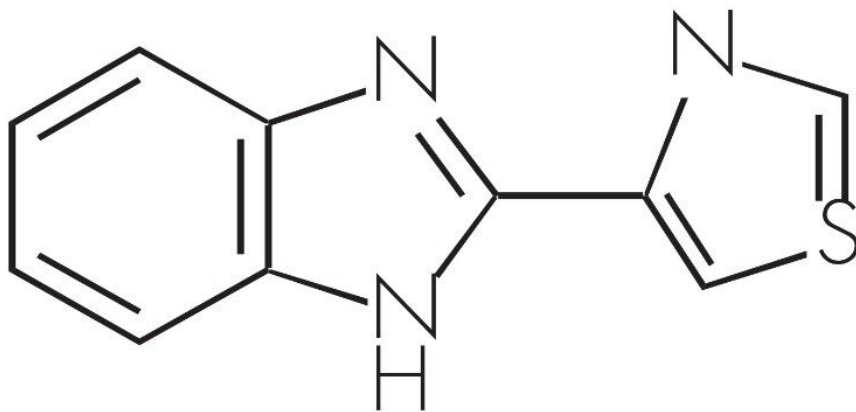
## Introduction

The compounds analyzed in this study are:

1. Carbendazim 70 µg/L
2. Thiabendazole 170 µg/L

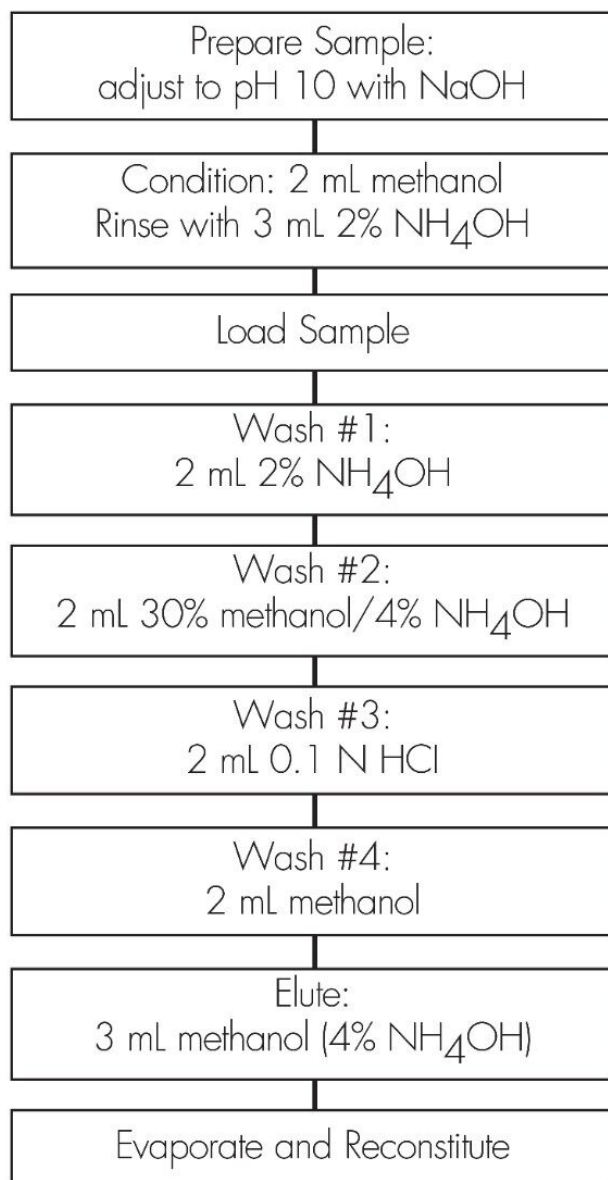


Carbendazim



Thiabendazole

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



## Conditions

Column:

XTerra MS C<sub>18</sub> 2.1 x 100 mm, 3.5 µm

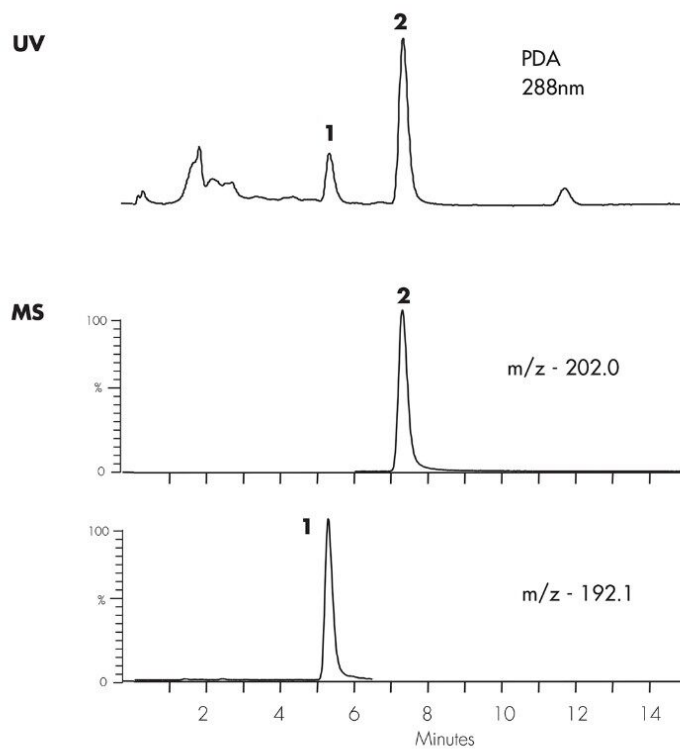
Part number:

186000404

Mobile phase A:	10 mM $\text{NH}_4\text{HCO}_3$ , pH 8.3
Mobile phase B:	ACN
Isocratic mobile phase composition:	80%A; 20%B
Flow rate:	0.2 mL/min, split 1:1 through each detector
Injection volume:	5 $\mu\text{l}$
Detection:	UV @ 288 nm, MS ESI+ , Multiple Selected-Ion Recording (SIR)
Instrument:	Alliance 2695, 2996 PDA, Micromass Platform LC

---

## Results and Discussion



---

## Featured Products

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

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

WA20738.059, June 2002

