

Fungicides in Grape Juice

Waters Corporation



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

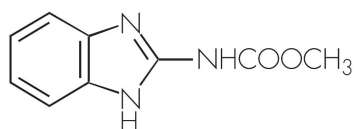
Abstract

This application brief highlights the analysis of fungicides in grape juice using XTerra RP₁₈ columns.

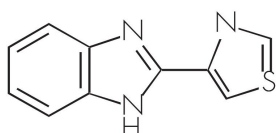
Introduction

Compounds used in this application brief are:

1. Carbendazim
2. Thiabendazole



Carbendazim



Thiabendazole

Experimental

Conditions

Column:	XTerra RP ₁₈ 4.6 x 100 mm, 3.5 µm
Mobile phase A:	20mM Na ₂ HPO ₄ , 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

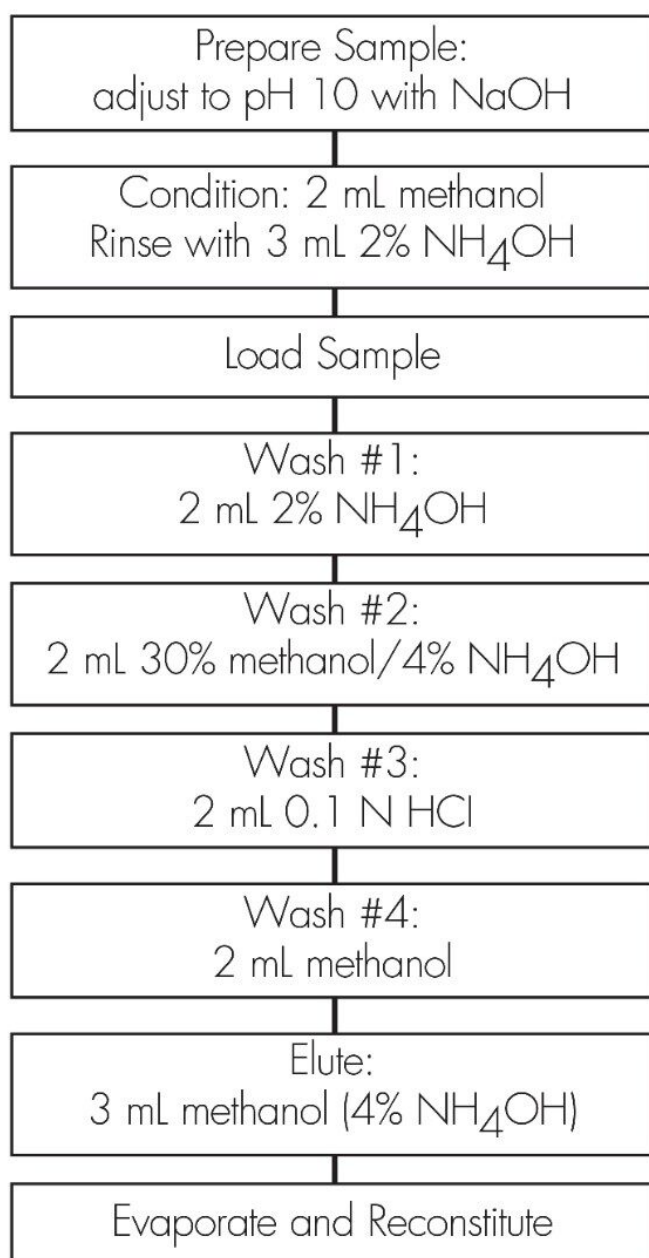
Detection:

UV @ 288 nm

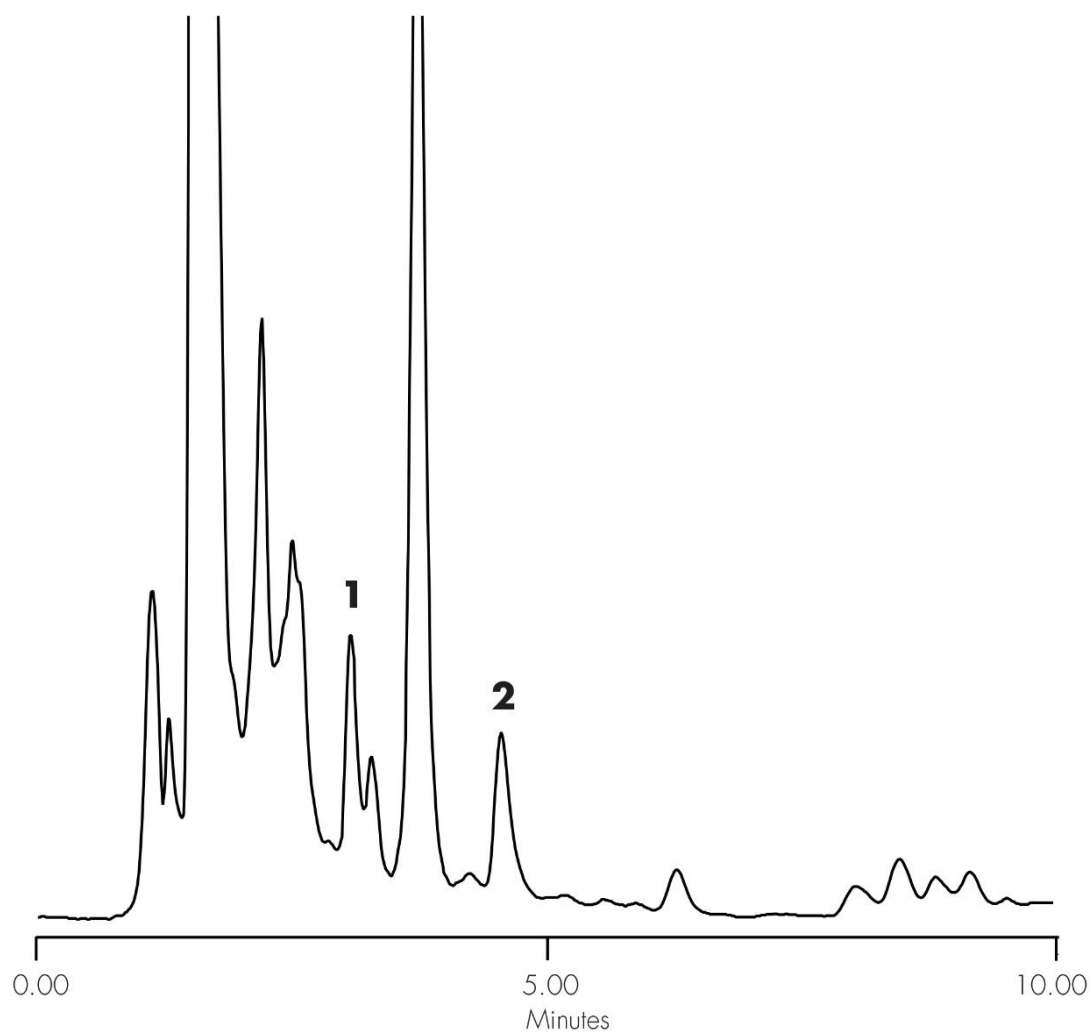
Instrument:

Alliance 2695, 2996 PDA

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



Results and Discussion



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Alliance HPLC <<https://www.waters.com/514248>>

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