

Note d'application

## Cold Products

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Waters Corporation



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

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## Abstract

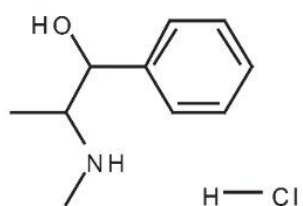
This application brief highlights the analysis of cold products using XTerra MS C<sub>18</sub> columns.

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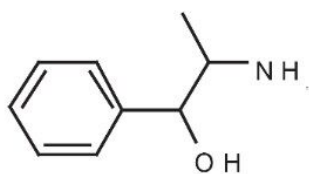
## Introduction

Compounds used in this application brief are:

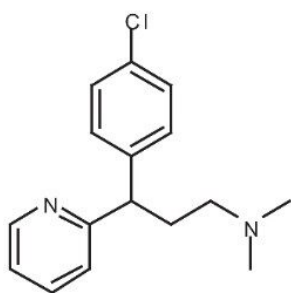
1. Maleic acid
2. Phenylpropanolamine
3. Pseudoephedrine
4. Chlorpheniramine



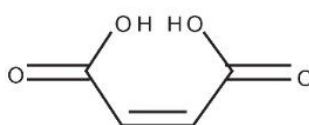
Pseudoephedrine



Phenylpropanolamine



Chlorpheniramine



Maleic acid

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Experimental

## HPLC Conditions

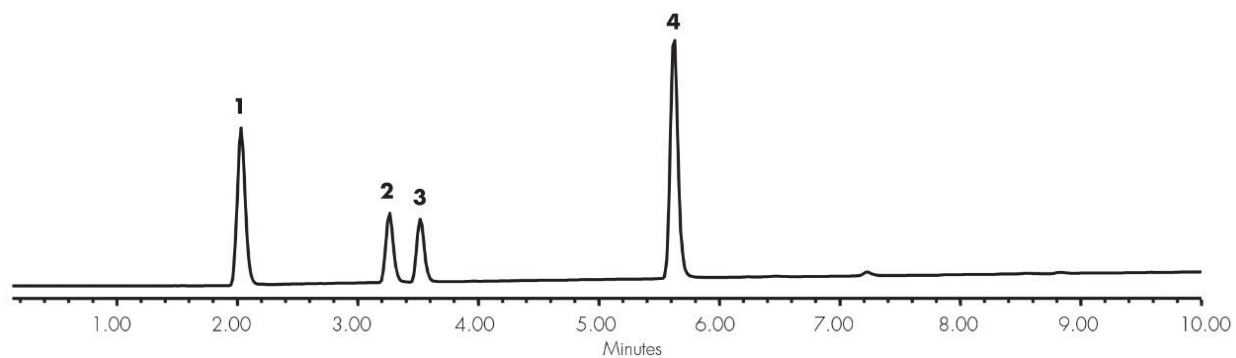
Column:	XTerra MS C <sub>18</sub> 2.1 x 150 mm, 5 µm (p/n: 186000491)
Mobile phase A:	H <sub>2</sub> O
Mobile phase B:	ACN
Mobile phase C:	100 mM NH <sub>4</sub> COOH, pH 3.8
Flow rate:	1.0 mL/min
Injection volume:	10 µL
Temperature:	30 °C
Detection:	UV @ 254 nm
Instrument:	Alliance 2695, 2996 PDA

## Gradient

Time (min)	Profile		
	%A	%B	%C
0.0	85	5	10
10.0	0	90	10

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## Results and Discussion



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## Featured Products

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

WA20738.028, June 2002