

## Amphetamines

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Waters Corporation

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

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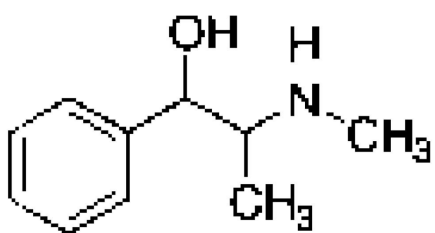
### Abstract

This application brief demonstrates analysis of amphetamines using Symmetry Shield RP<sub>18</sub> Column.

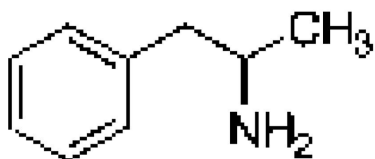
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### Introduction

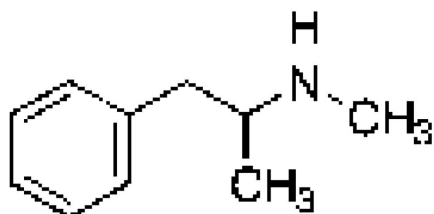
The compound analyzed in this study is amphetamines.



### 1. Ephedrine (I.S.)



### 2. Amphetamine



### 3. Methamphetamine

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Experimental

HPLC Method

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Column:           | Symmetry Shield RP <sub>18</sub> , 3.9 x 150<br>mm, 5 µm, |
| Part number:      | 186000108                                                 |
| Mobile phase:     | 0.1% TFA in<br>Water/acetonitrile/methanol<br>91:7:2      |
| Flow rate:        | 1.0 mL/min                                                |
| Injection volume: | 50 µL                                                     |
| Detection:        | UV @ 210                                                  |

## USP Tailing Factors

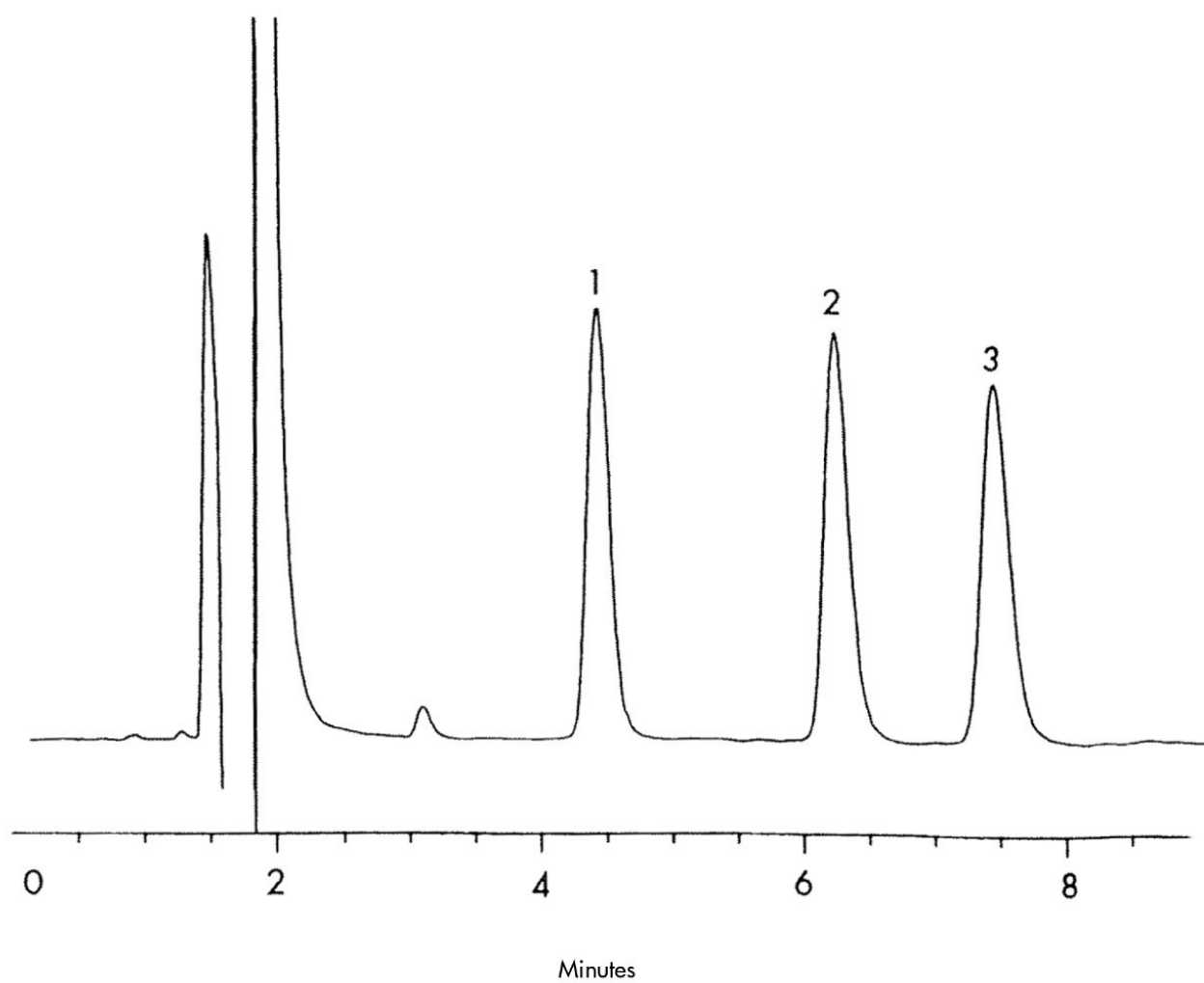
1. 1.28

2. 1.32

3. 1.30

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## Results and Discussion



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## Featured Products

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