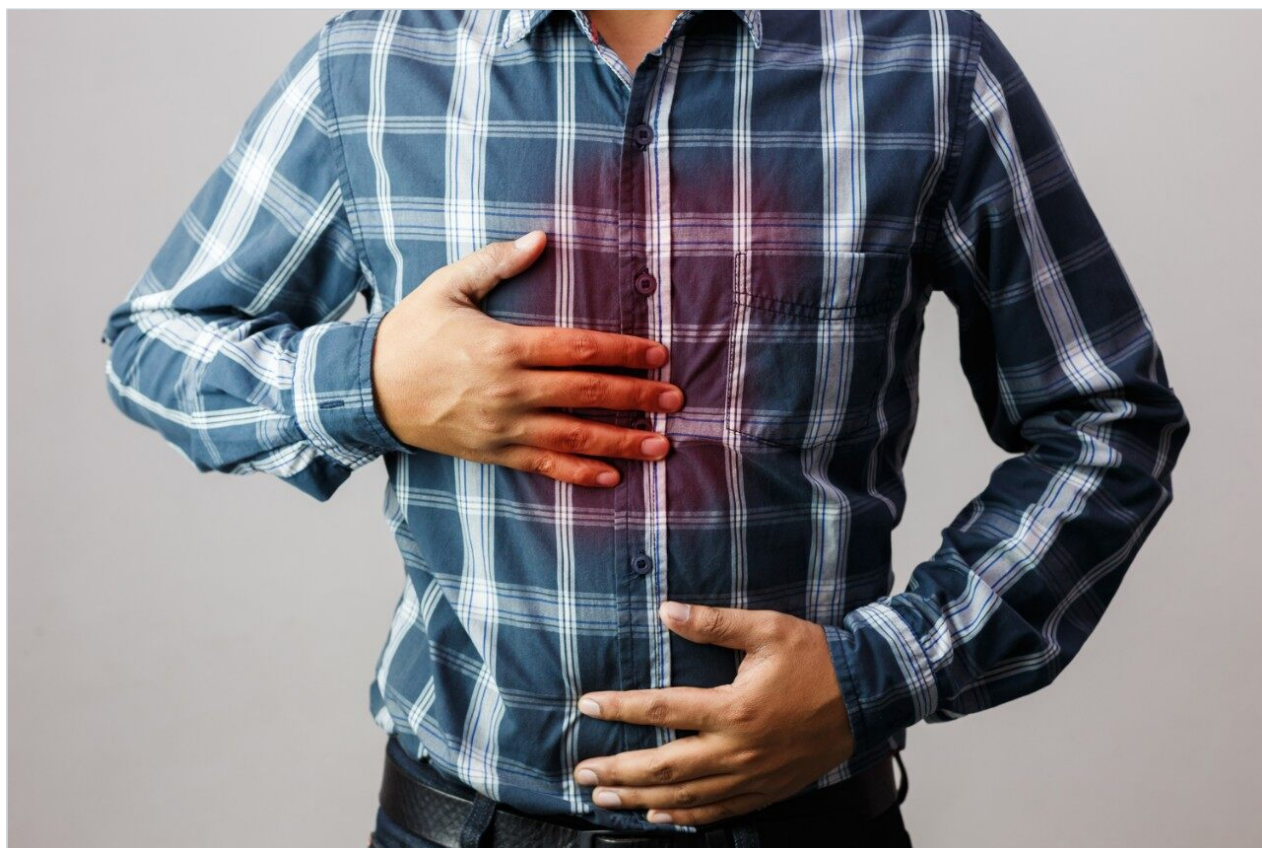


## Cimetidine – (SymmetryShield RP<sub>18</sub>)

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Waters Corporation



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

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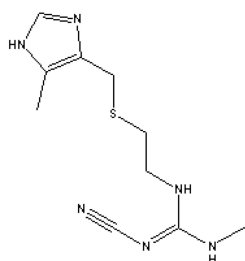
### Abstract

This application brief highlights the analysis of cimetidine using SymmetryShield RP<sub>18</sub> columns.

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## Introduction

Cimetidine is studied in this application brief.



1. Cimetidine

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## Experimental

### HPLC Method

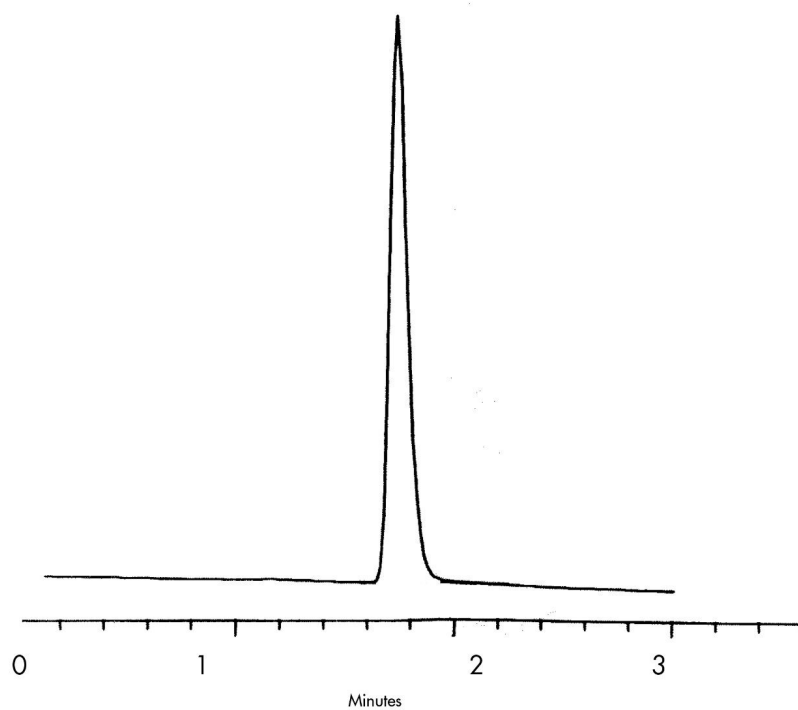
|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Column:           | SymmetryShield RP <sub>18</sub> , 4.6 x 250 mm, 5 µm<br>(p/n:186000112) |
| Mobile phase:     | 0.3 mL phosphoric acid, methanol/water 18:82                            |
| Flow rate:        | 1.8 mL/min                                                              |
| Injection volume: | 50 µL                                                                   |
| Detection:        | UV @ 220 nm                                                             |

### USP Tailing Factors

1. 1.22

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## Results and Discussion



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## Featured Products

WA31763.56, June 2003