

Nota applicativa

## Amoxicillin and Clavulanate Potassium Augmentin Tablet

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Waters Corporation

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

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### Abstract

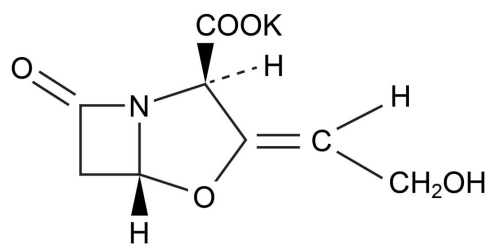
This application brief highlights about analysis of amoxicillin and clavulanate tablets using symmetry C<sub>8</sub> Column.

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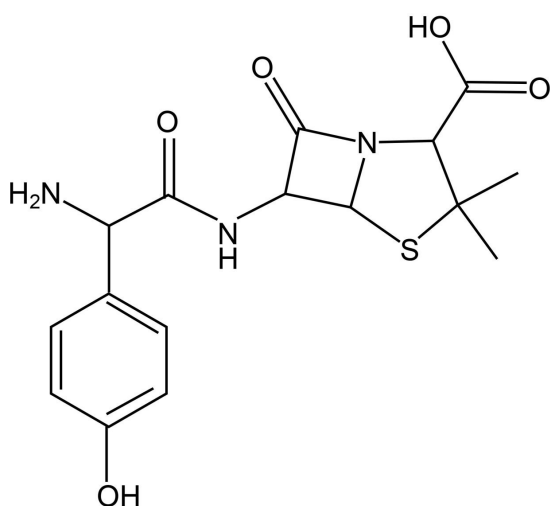
### Introduction

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## Structures



### 1. Clavulanate



### 2. Amoxicillin

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## Experimental

### HPLC Method

Column:

Symmetry C<sub>8</sub>, 3.9 x 150 mm, 5 µm

Part number:

WAT046980

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|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Mobile phase:     | 56 mM sodium phosphate, pH 4.4/methanol 95:5                                                     |
| Flow rate:        | 1.0 mL/min                                                                                       |
| Injection volume: | 10 µL of 100 µg/mL amoxicillin and 25 µg/mL clavulante extracted tablet sample at 10 to 39 µg/mL |
| Detection:        | UV @ 220 nm                                                                                      |

## USP Tailing Factors

1. 1.2

2. 1.1

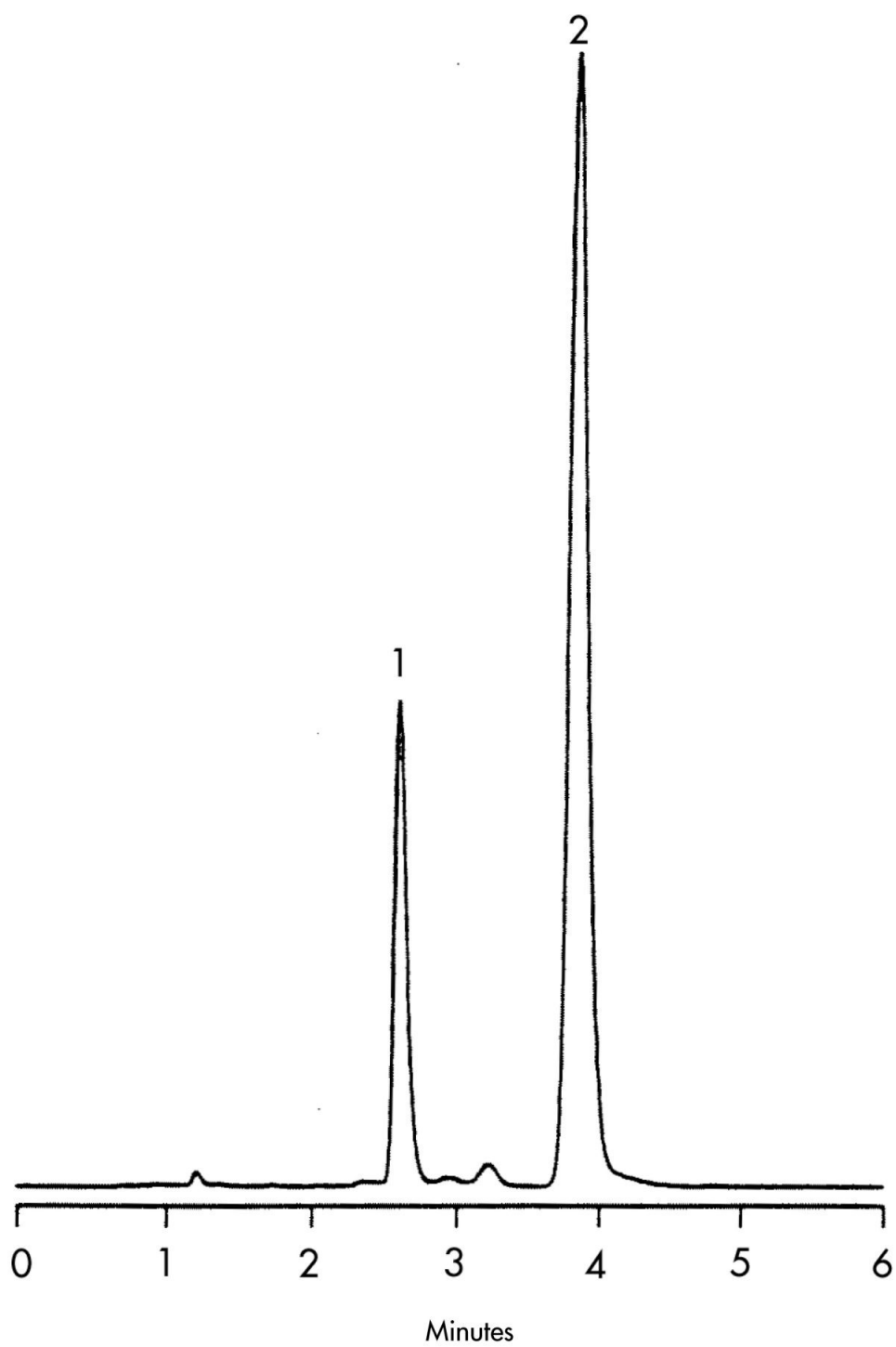
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## Results and Discussion

The compounds analyzed in this study are:

1. Clavulanate

2. Amoxicillin



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## Featured Products

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