# Waters™

#### Application Note

# Amoxicillin in an Oral Suspension Formulation

Waters Corporation

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

#### **Abstract**

This application brief demonstrates analysis of amoxicilllinin using Symmetry C<sub>8</sub>.

#### Introduction

The compound analyzed in this study is Amoxicillin.

#### Structures

#### 1. Amoxicillin

### Experimental

#### **HPLC** Method

Column:

Guard column Symmetry Guard Column 3.9 x 20 mm, 5  $\mu$ m

Symmetry  $C_8$ , 3.9 x 150 mm, 5  $\mu m$ 

Part numbers: Column - WAT046970, Guard - WAT054250

Mobile phase: 10 mM sodium acetate, pH 4.0/acetonitrile 96:4

Flow rate: 1.0 mL/min

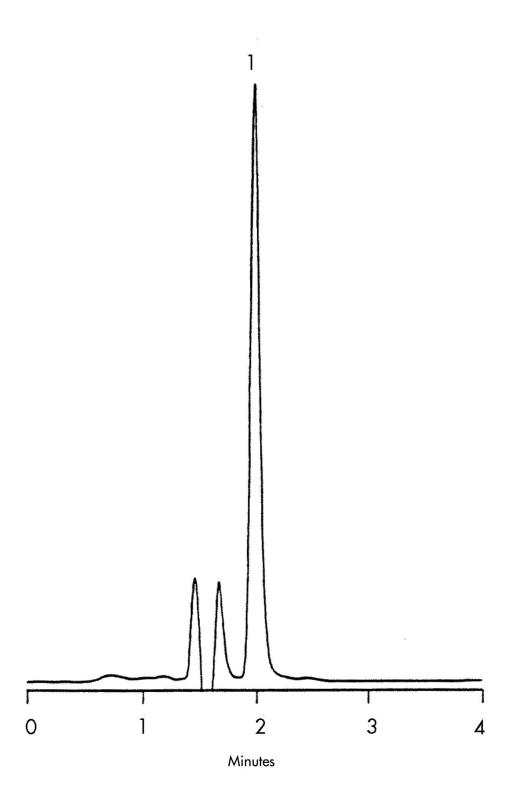
Injection volume:	10 μL of 100 μg/mL sample

Detection: UV @ 230 nm

## **USP Tailing Factors**

1. 1.13

Results and Discussion



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