

Application Note

Amoxicillin in an Oral Suspension Formulation

Waters Corporation

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

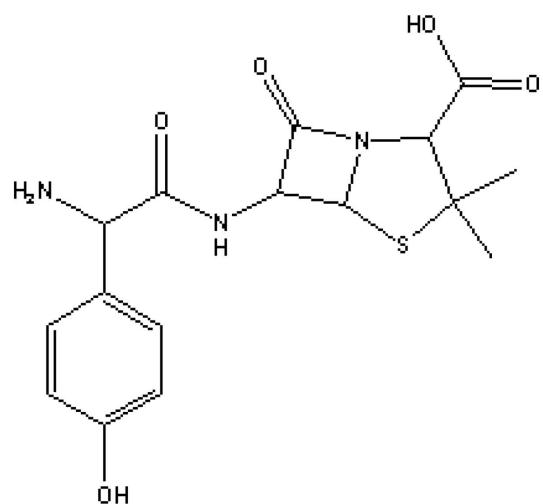
Abstract

This application brief demonstrates analysis of amoxicillin using Symmetry C₈.

Introduction

The compound analyzed in this study is Amoxicillin.

Structures



1. Amoxicillin

Experimental

HPLC Method

Column:	Symmetry C ₈ , 3.9 x 150 mm, 5 μm
Guard column	Symmetry Guard Column 3.9 x 20 mm, 5 μm
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 μ L of 100 μ g/mL sample

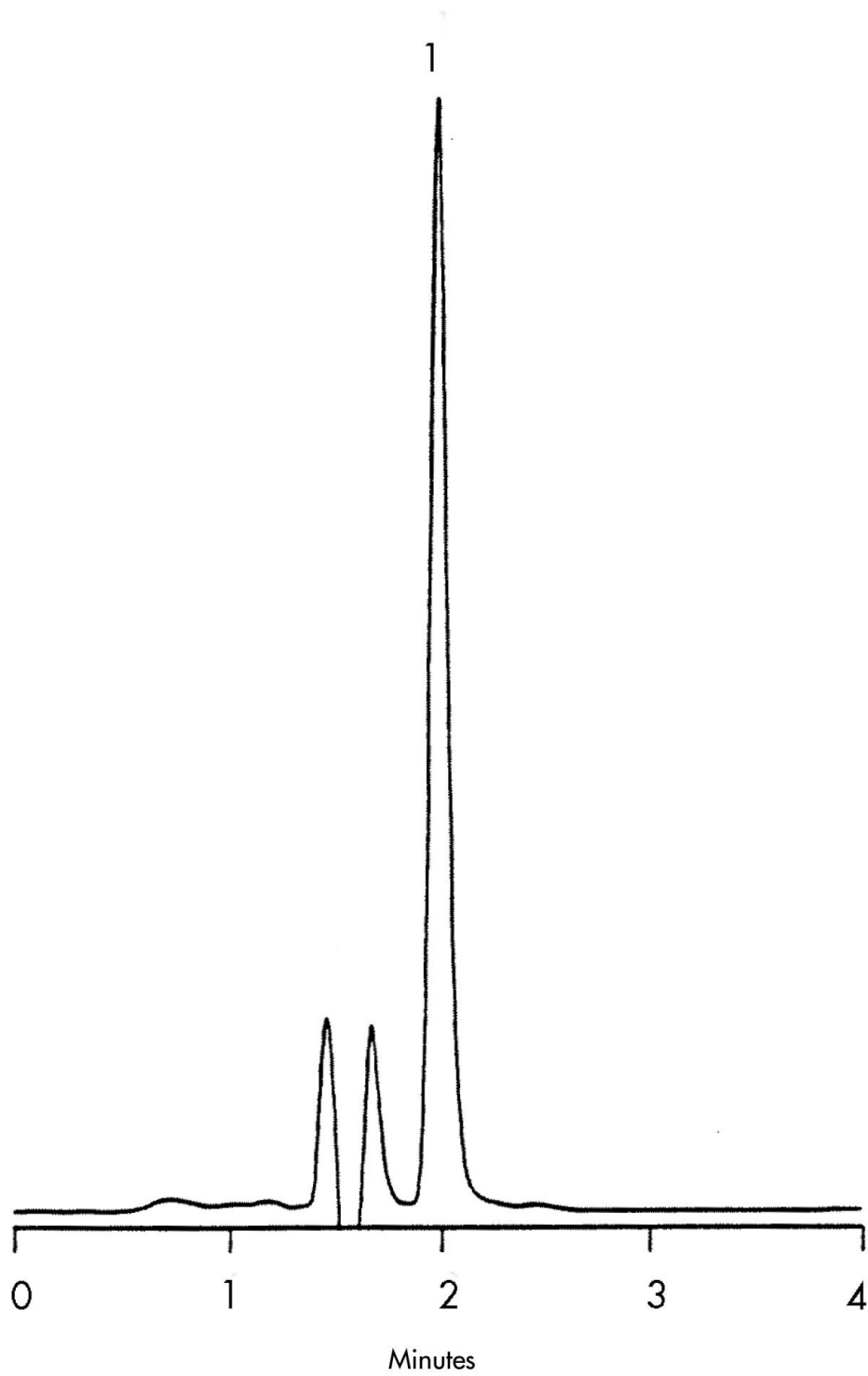
Detection:

UV @ 230 nm

USP Tailing Factors

1. 1.13

Results and Discussion



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