

Application Note

## Diltiazem HCL

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Waters Corporation

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

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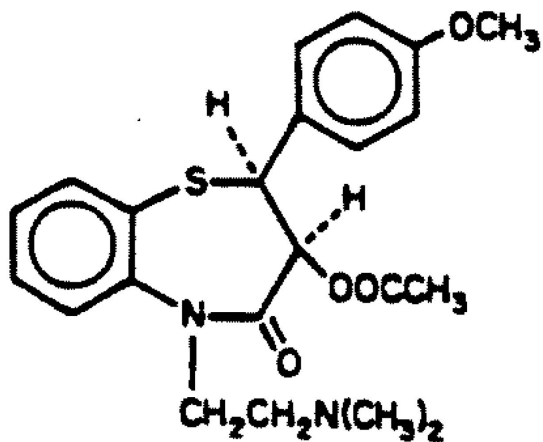
### Abstract

This application brief demonstrates the analysis of diltiazem HCL using Symmetry Columns.

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### Introduction

The compound analyzed in this study is diltiazem HCL.



# 1. Diliazem HCL

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## Experimental

### HPLC Method

Column:	Symmetry C <sub>8</sub> , 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:	100 mM sodium acetate, 5mM camphosulfonic acid, pH 6.2/acetonitrile/methanol 40:30:30
Flow rate:	1.0 mL/min
Injection volume:	10 μL of 50 μg/mL sample

Detection:

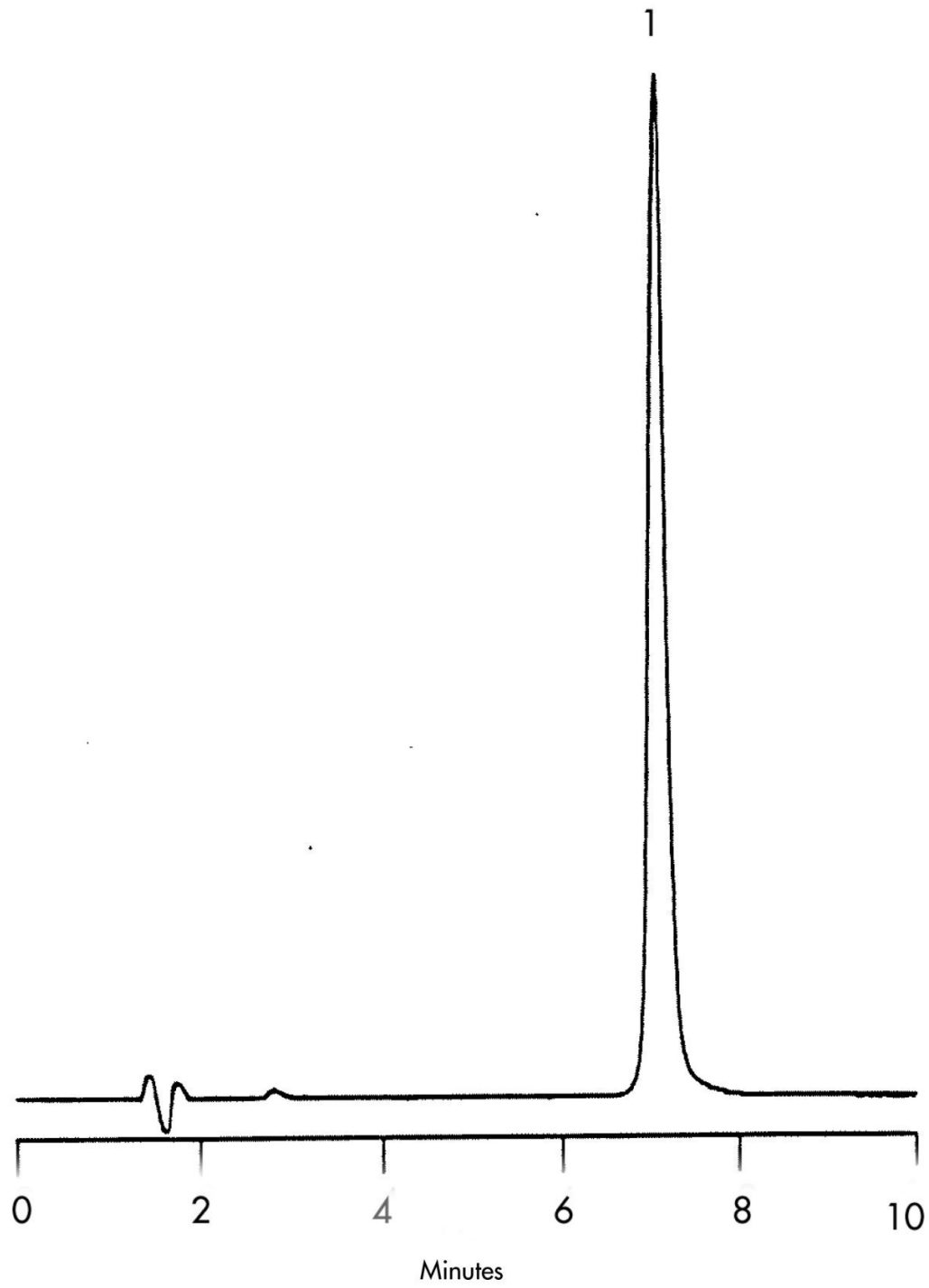
UV @ 254 nm

## USP Tailing Factors

1. 1.08

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## Results and Discussion



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## Featured Products

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