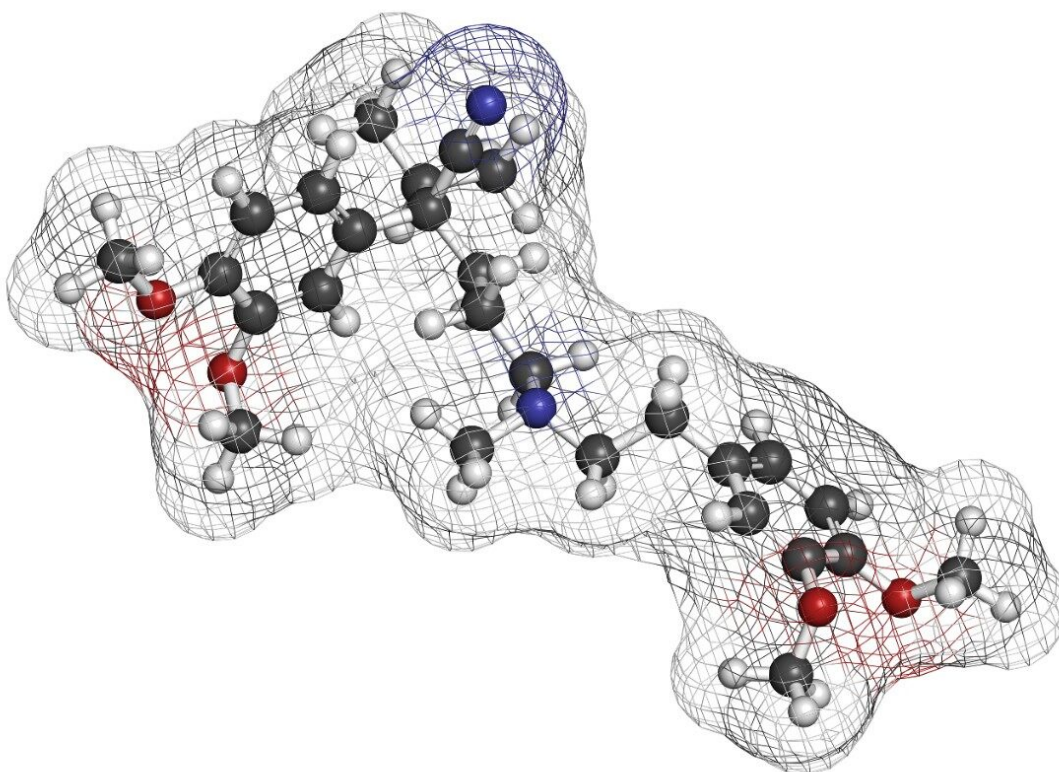


Methoxyverapamil

Waters Corporation



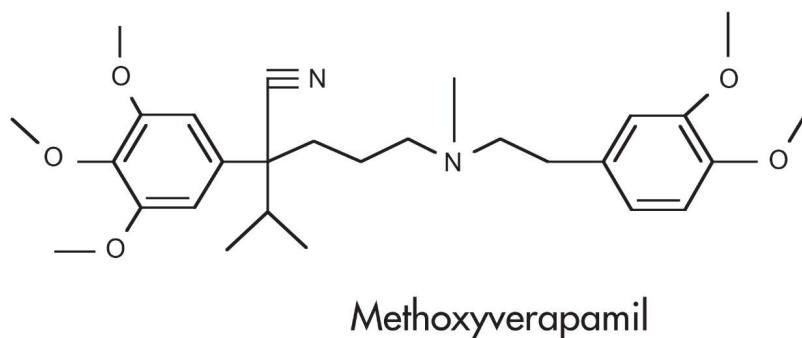
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application note details on the analysis of methoxyverapamil using XTerra RP₁₈ Columns.

Introduction

The compound analyzed in this study is methoxyverapamil.



Experimental

Conditions

Column:	XTerra RP ₁₈ 4.6 x 150 mm, 5 µm
Part number:	186000492
Mobile phase:	pH 3.0: H ₂ O/ACN/100 mM NH ₄ COOH, pH 3.0 30:60:10 pH 7.0: H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 7.0 40:50:10 pH 10.0 H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 10.0 28:62:10
Flow rate:	1.0 mL/min
Injection volume:	5 µL of 250 µg/mL
Temperature:	30 °C

Detection:

UV @ 270 nm

Instrument:

Alliance 2695, 2996 PDA

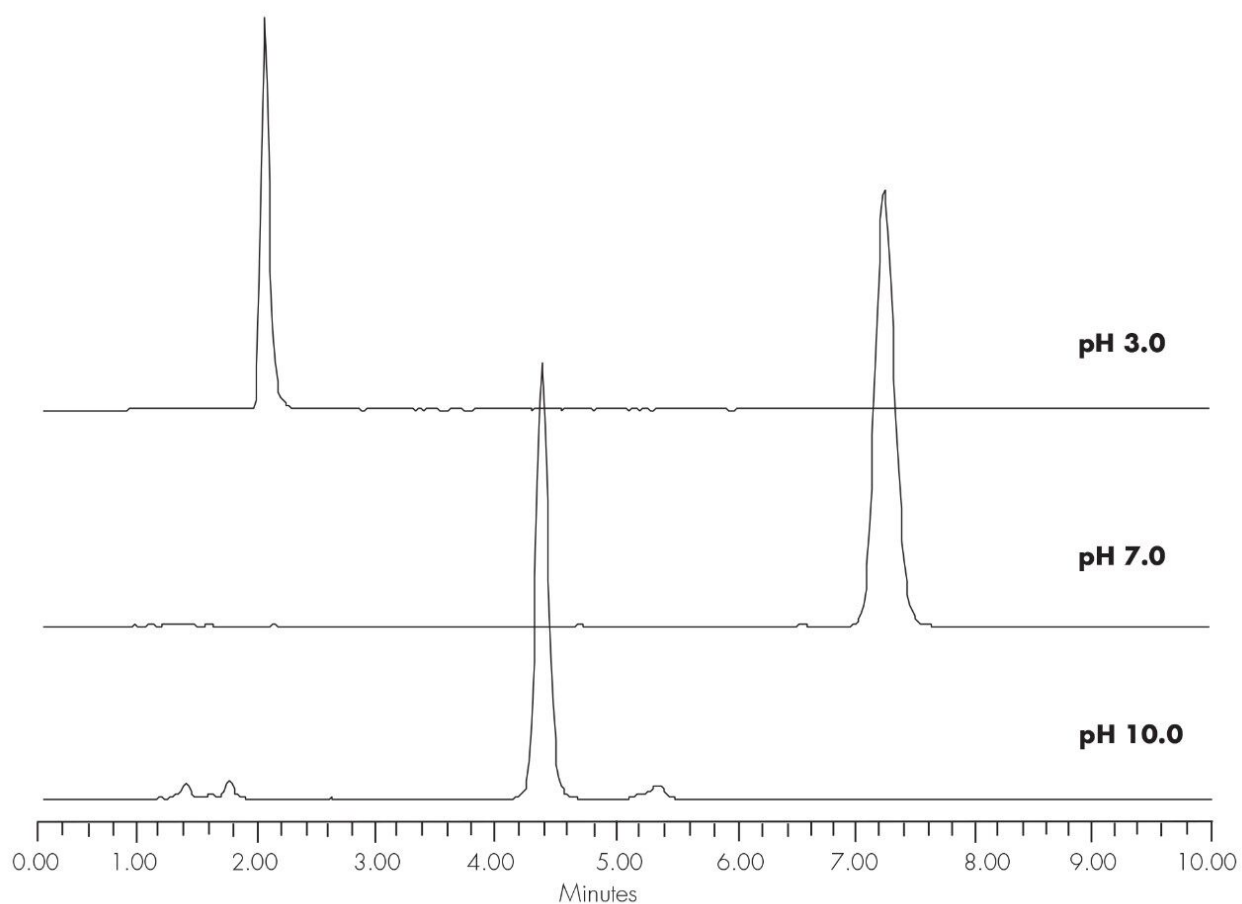
Mobile Phase pH	USP Tailing
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3.0	1.25
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7.0	1.11
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10.0	1.1
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Results and Discussion



Featured Products

Alliance HPLC System <<https://www.waters.com/534293>>

2998 Photodiode Array (PDA) Detector <<https://www.waters.com/1001362>>

WA20738.066, June 2002

