# Waters™

#### Applikationsbericht

# Alprenolol - Isocratic, LC-UV

Waters Corporation



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

#### Abstract

This application brief demonstrates analysis of alprenolol.

### Introduction

The compound analyzed in this study is alprenolol.

Mobile Phase pH	USP Tailing
3.0	1.19
7.0	1.64
10.0	1.08

# Alprenolol

## Experimental

#### Conditions

Column:

Xterra RP<sub>18</sub> 4.6 x 50 mm, 5  $\mu$ m

Part number: 186000492

Mobile phase: pH 3.0: H<sub>2</sub>O/ACN/100 mM NH<sub>4</sub>COOH, pH 3.0

40:50:10

pH 7.0: H<sub>2</sub>O/ACN/100 mM NH<sub>4</sub>HCO<sub>3</sub>, pH 7.0

55:35:10

pH 10.0 H<sub>2</sub>O/ACN/100 mM NH<sub>4</sub>HCO<sub>3</sub>, pH 10.0

55:35:10

Flow rate: 1.0 mL/min

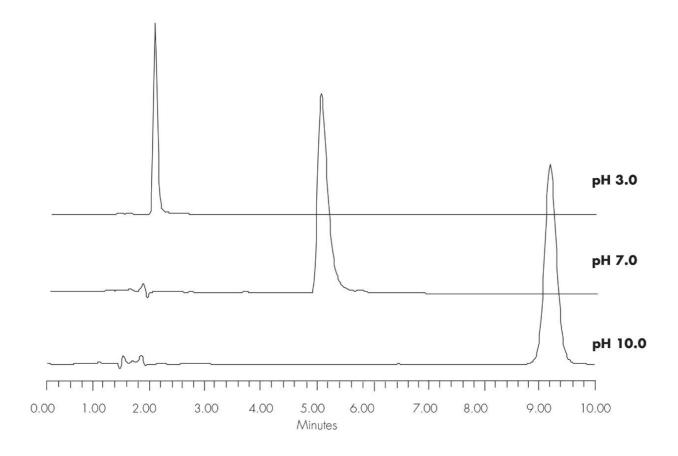
Injection volume: 5  $\mu$ L of 250  $\mu$ g/mL

Temperature: 30 °C

Detection: UV @ 270 nm

Instrument: Alliance 2695, 2996 PDA

### Results and Discussion



### Featured Products

Alliance HPLC System <a href="https://www.waters.com/534293">https://www.waters.com/534293</a>

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