

## Procaine

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Waters Corporation



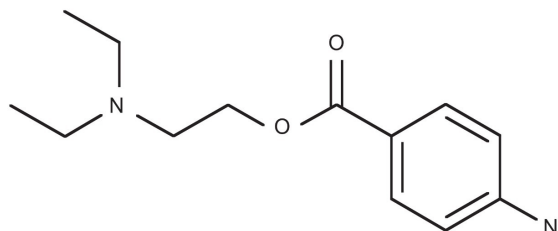
This is an Application Brief and does not contain a detailed Experimental section.

### Abstract

This application brief highlights the analysis of procaine using XTerra RP<sub>18</sub> columns.

## Introduction

Procaine has been analyzed in this application brief.



Procaine

## Experimental

### HPLC Method

Column:	XTerra RP <sub>18</sub> 4.6 x 150 mm, 5 µm (p/n: 186000492)
Mobile phase:	At pH 3.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> COOH, pH 3.0, 65:25:10 At pH 7.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.0, 35:55:10 At pH 10.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 10.0, 60:30:10
Flow rate:	1.0 mL/min
Injection volume:	5 µL of 250 µg/mL
Temperature:	30 °C

Detection:

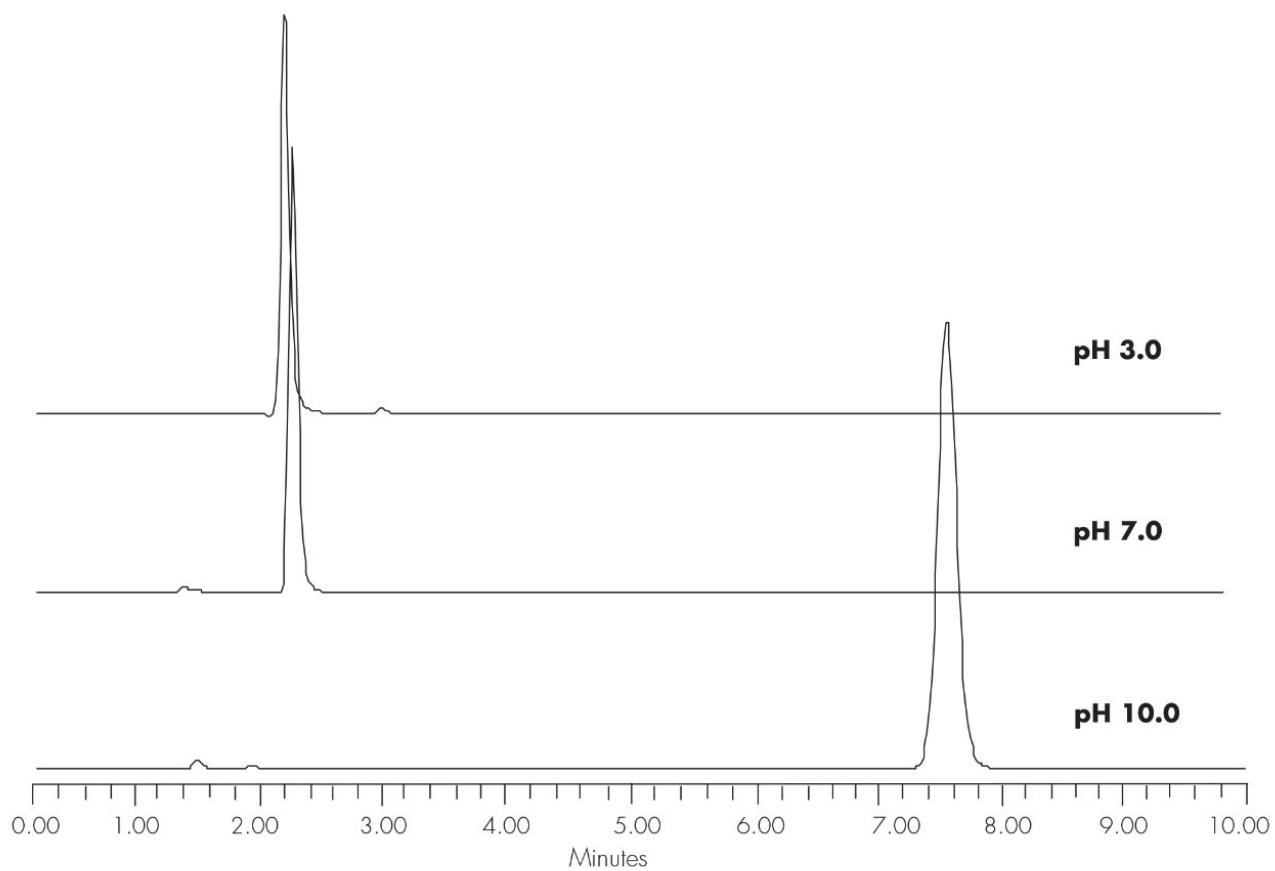
UV @ 280 nm

Instrument:

Alliance 2695, 2996 PDA

Mobile Phase pH	USP Tailing
3.0	1.28
7.0	1.23
10.0	1.08

## Results and Discussion



## Featured Products

- [Alliance HPLC <https://www.waters.com/514248>](https://www.waters.com/514248)

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