

Nota applicativa

## Acetaminophen

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Waters Corporation



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

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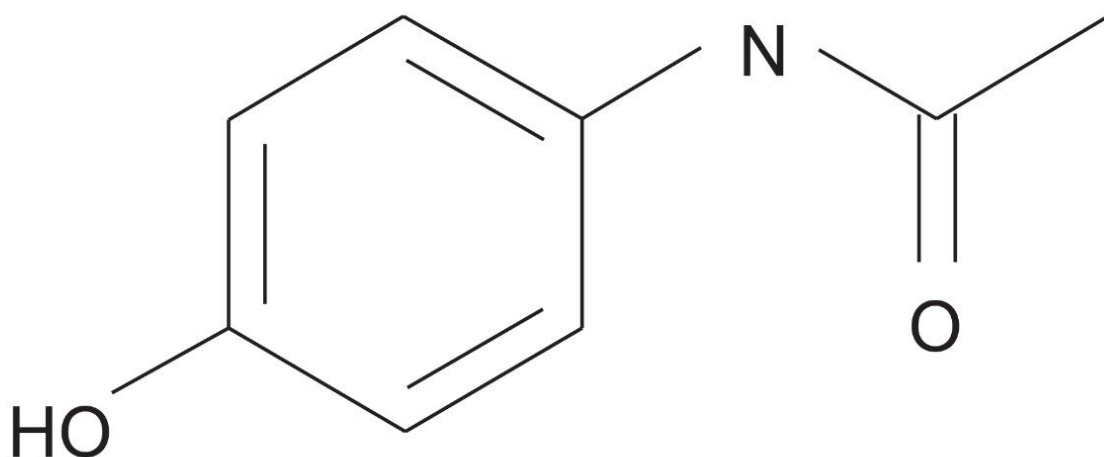
### Abstract

This application brief demonstrates analysis of acetaminophen.

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## Introduction

The compound analyzed in this study is acetaminophen.



# Acetaminophen

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## Experimental

### Conditions

Column: Xterra RP<sub>18</sub> 4.6 x 50 mm, 5 μm

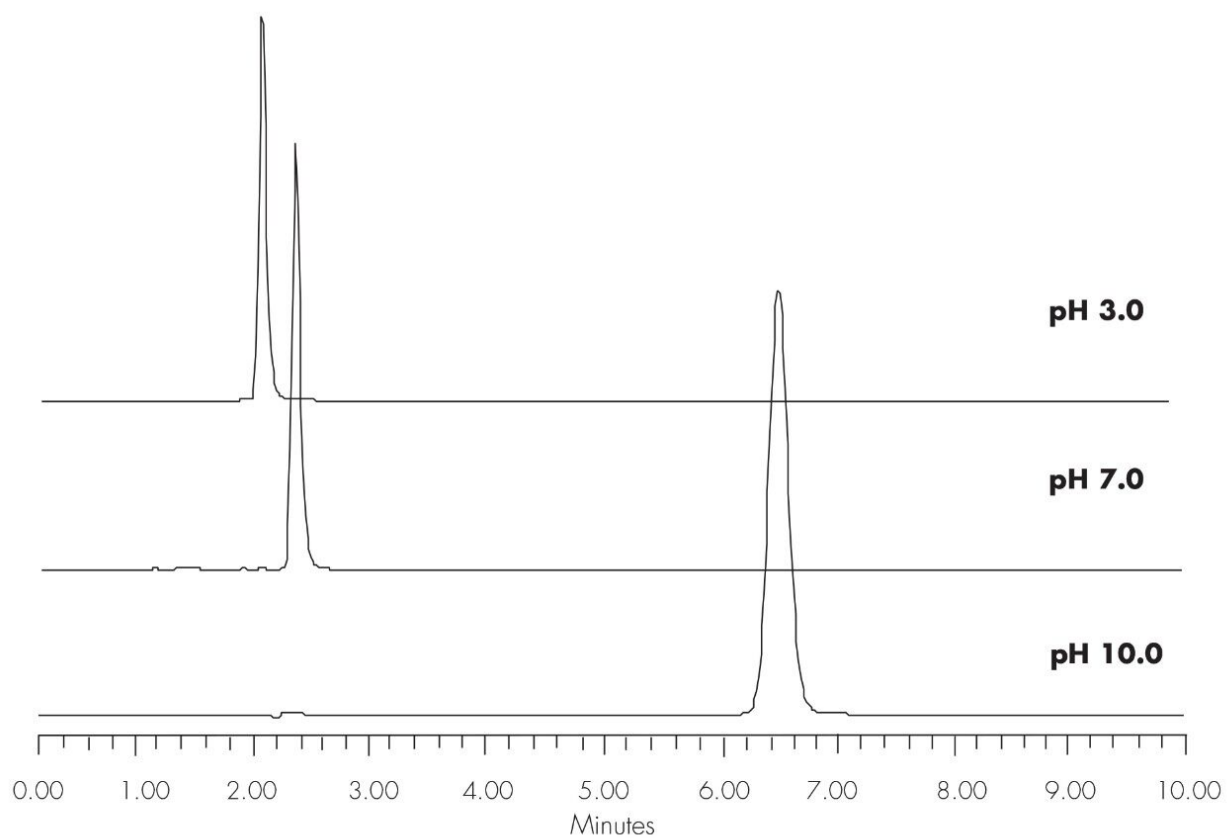
Part Number: 186000492

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

|                   |  |
|-------------------|--|
|                   | 15:75:10   |
|                   | pH 7.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.0  |
|                   | 65:25:10   |
|                   | pH 10.0 H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 10.0 |
|                   | 87.5:2.5:10  |
| Flow rate:        | 1.0 mL/min   |
| Injection volume: | 5 µL of 250 µg/m   |
| Temperature:      | 30 °C  |
| Detection:        | UV @ 270 nm  |
| Instrument:       | Alliance 2695, 2996 PDA  |
| Mobile Phase pH   | USP Tailing Factors  |
| 3.0               | 1.25   |
| 7.0               | 1.21   |
| 10.0              | 1.06   |

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## Results and Discussion



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## Featured Products

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

WA20738.003, June 2002