

## Acetaminophen

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Waters Corporation



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

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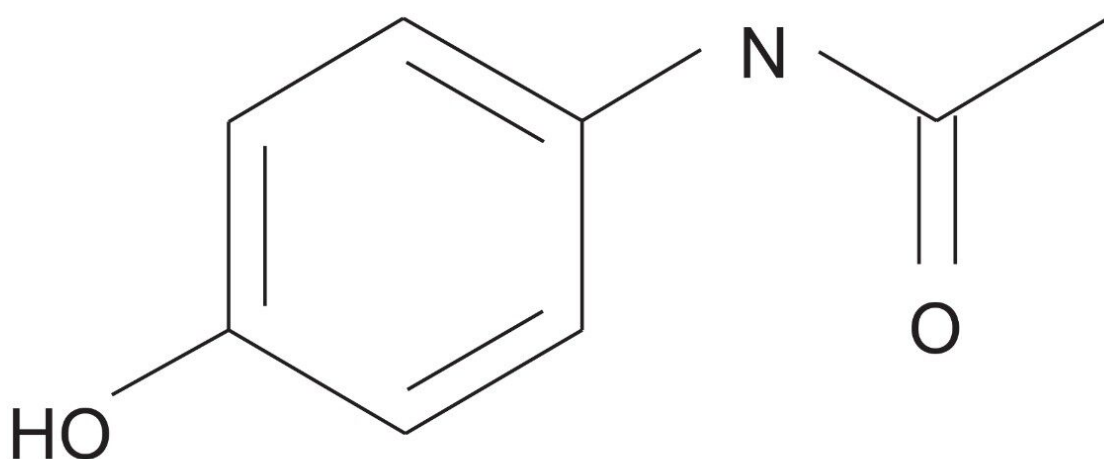
### Abstract

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

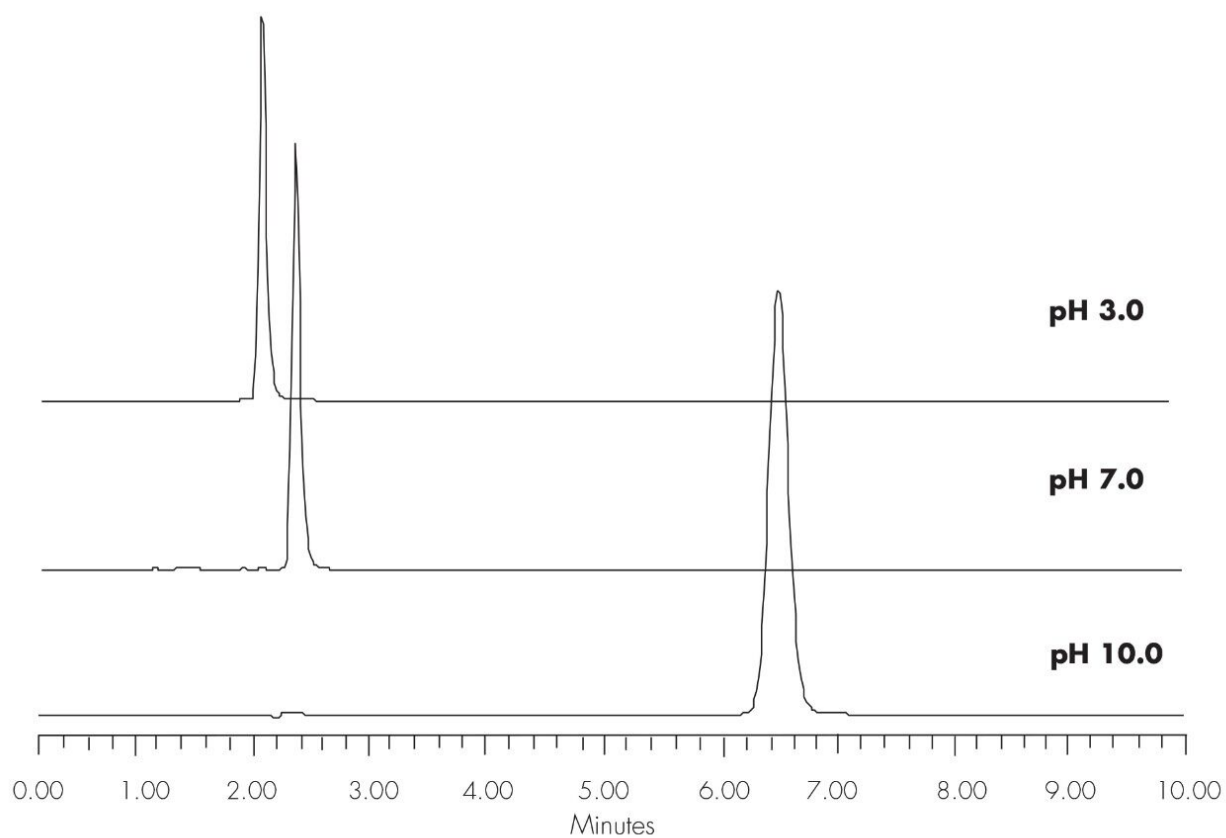
Part Number: 186000492

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

WA20738.003, June 2002