

Application Note

Acetaminophen

Waters Corporation



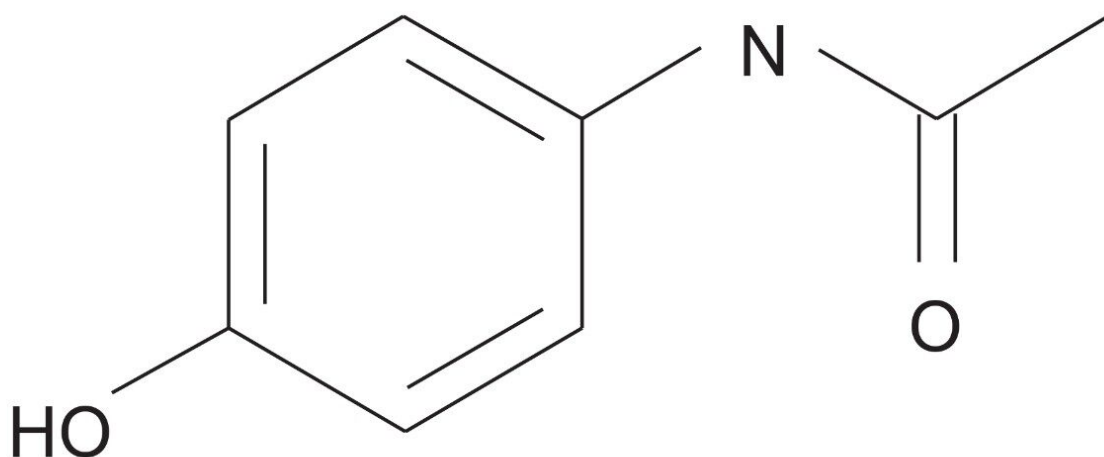
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates analysis of acetaminophen.

Introduction

The compound analyzed in this study is acetaminophen.



Acetaminophen

Experimental

Conditions

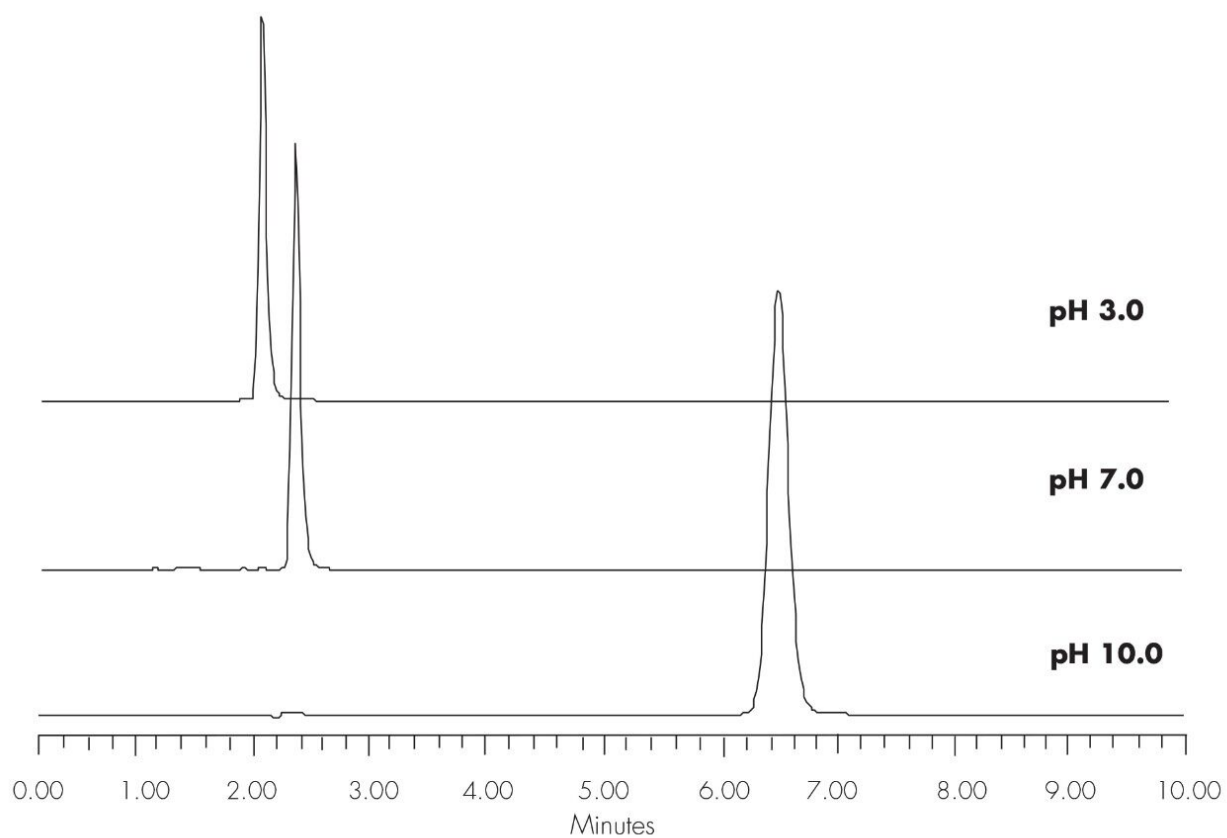
Column: Xterra RP₁₈ 4.6 x 50 mm, 5 μm

Part Number: 186000492

Mobile phase : pH 3.0: H₂O/ACN/100 mM NH₄COOH, pH 3.0

	15:75:10
	pH 7.0: H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 7.0
	65:25:10
	pH 10.0 H ₂ O/ACN/100 mM NH ₄ HCO ₃ , 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

Results and Discussion



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

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