

Acetaminophen

Waters Corporation



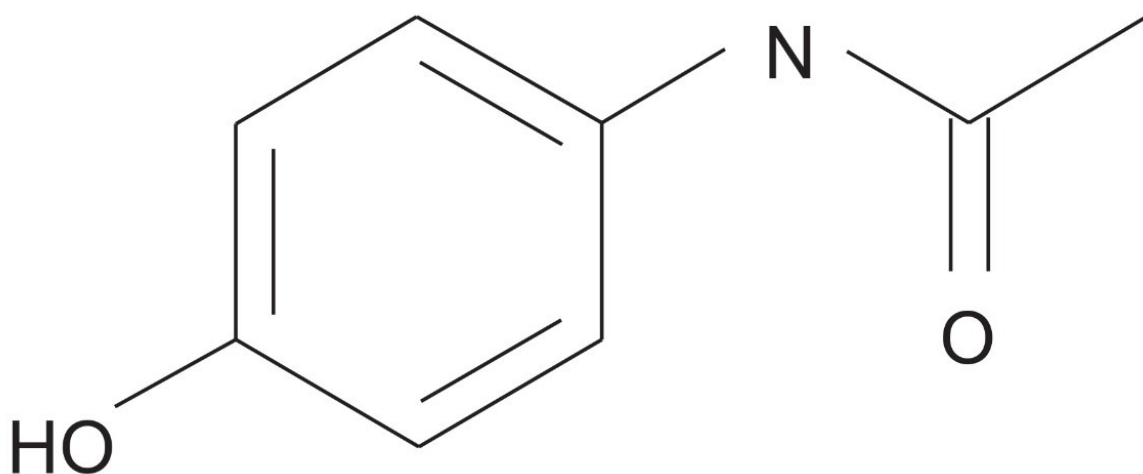
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates analysis of acetaminophen.

Introduction

The compound analyzed in this study is acetaminophen.



Acetaminophen

Experimental

Conditions

Column:	Xterra RP ₁₈ 4.6 x 50 mm, 5 μm
Part Number:	186000492
Mobile phase :	pH 3.0: H ₂ O/ACN/100 mM NH ₄ COOH, pH 3.0

15:75:10

pH 7.0: H₂O/ACN/100 mM NH₄HCO₃, pH 7.0

65:25:10

pH 10.0 H₂O/ACN/100 mM NH₄HCO₃, 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

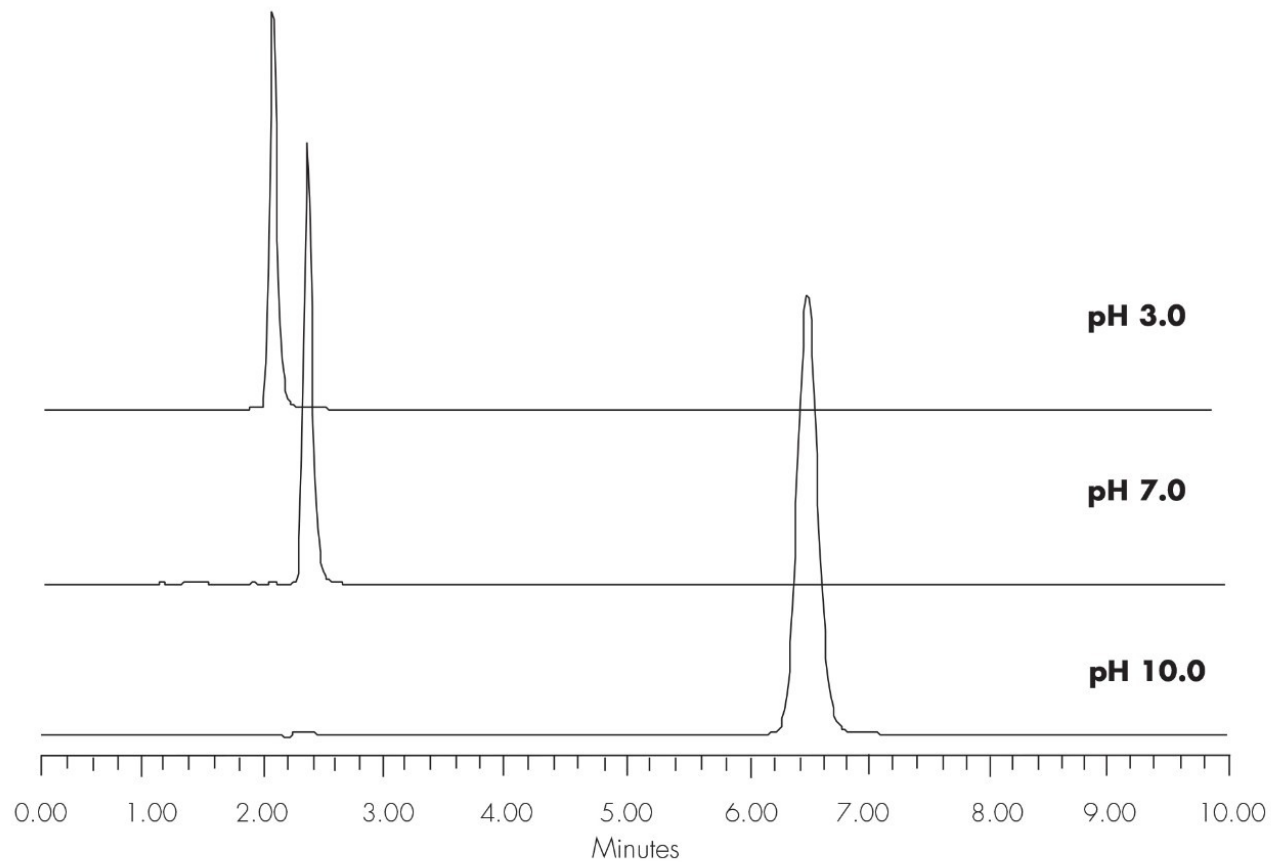
7.0

1.21

10.0

1.06

Results and Discussion



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