

Prednisolone

Waters Corporation



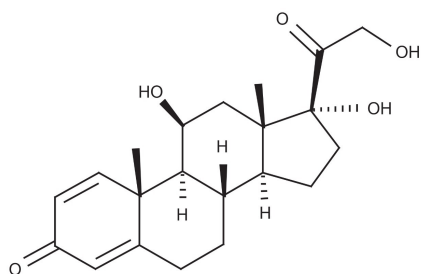
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of prednisolone using XTerra RP₁₈ columns.

Introduction

Prednisolone is studied in this application brief.



Prednisolone

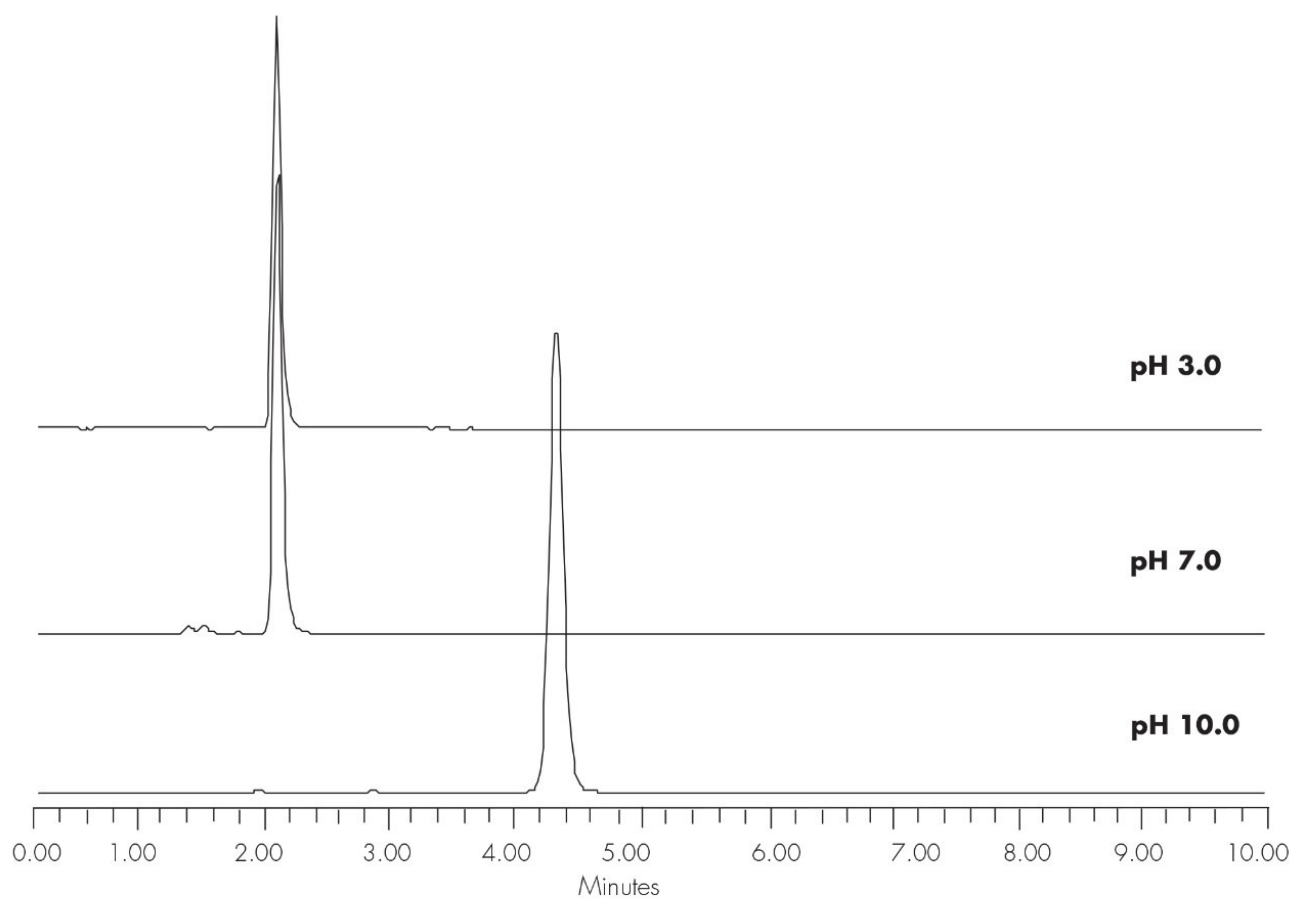
Experimental

Conditions

Column:	XTerra RP ₁₈ 4.6 x 150 mm, 5 µm (p/n: 186000492)
Mobile phase:	H ₂ O/ACN/100 mM NH ₄ COOH, pH 3.0, 35: 55: 10 H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 7.0, 35: 55: 10 H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 10.0, 58: 32: 10
Flow rate:	1.0 mL/min
Injection volume:	5 µL of 250 µg/mL
Temperature:	30°C
Detection:	UV @ 270 nm
Instrument:	Alliance 2695, 2996 PDA

Mobile phase pH	USP Tailing
3.0	1.19
7.0	1.21
10.0	1.12

Results and Discussion



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