Waters™

Application Note

Prednisolone

Waters Corporation



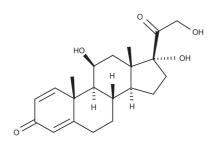
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

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

Introduction

Prednisolone is studied in this application brief.



Prednisolone

Experimental

Conditions

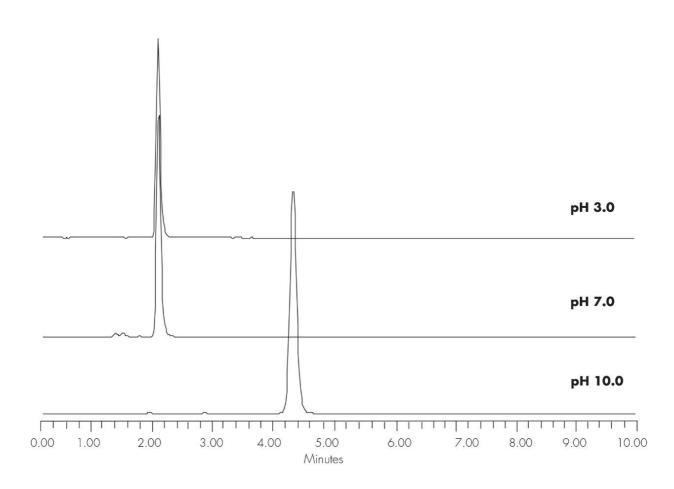
Column:	XTerra RP ₁₈ 4.6 x 150 mm, 5 μm (p/n: 186000492)
Mobile phase:	$H_2O/ACN/100 \text{ mM NH}_4COOH, \text{ pH } 3.0, 35: 55: 10$ $H_2O/ACN/100 \text{ mM NH}_4HCO_3, \text{ pH } 7.0, 35: 55: 10$ $H_2O/ACN/100 \text{ mM NH}_4HCO_3, \text{ pH } 10.0, 58: 32: 10$
Flow rate:	1.0 mL/min
Injection volume:	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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Alliance HPLC <https://www.waters.com/514248>

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