Waters™

Applikationsbericht

Procaine

Waters Corporation



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

Abstract

This application brief highlights the analysis of procaine using XTerra ${\rm RP}_{\rm 18}$ columns.

Introduction

Procaine has been analyzed in this application brief.

Procaine

Experimental

HPLC Method

Column: XTerra RP $_{18}$ 4.6 x 150 mm, 5 μ m (p/n:

186000492)

Mobile phase: At pH 3.0: H₂O/ACN/100 Mm NH₄COOH, pH

3.0, 65:25:10

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

35:55:10

At pH 10.0: $H_2O/ACN/100$ mM NH_4HCO_3 , pH

10.0, 60:30:10

Flow rate: 1.0 mL/min

Injection volume: 5 μ L of 250 μ g/mL

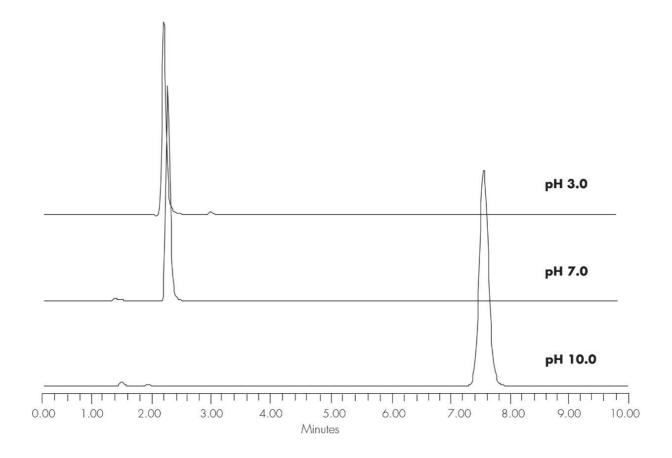
Temperature: 30 °C

Detection: UV @ 280 nm

Instrument: Alliance 2695, 2996 PDA

Mobile Phase pH	USP Tailing
3.0	1.28
7.0	1.23
10.0	1.08

Results and Discussion



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Alliance HPLC https://www.waters.com/514248

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