Waters™

Application Note

Pyrilamine

Waters Corporation



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

Abstract

This application brief highlights the analysis of pyrilamine using XTerra RP_{18} columns.

Introduction

Pyrilamine has been analyzed in this application brief.

Pyrilamine

Experimental

HPLC Method

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

186000492)

Mobile phase: At pH 3.0: $H_2O/ACN/100 \text{ Mm NH}_4COOH$, pH

3.0, 45:45:10

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

10:80:10

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

10.0, 50:40:10

Flow rate: 1.0 mL/min

Injection volume: 5 μ L of 250 μ g/mL

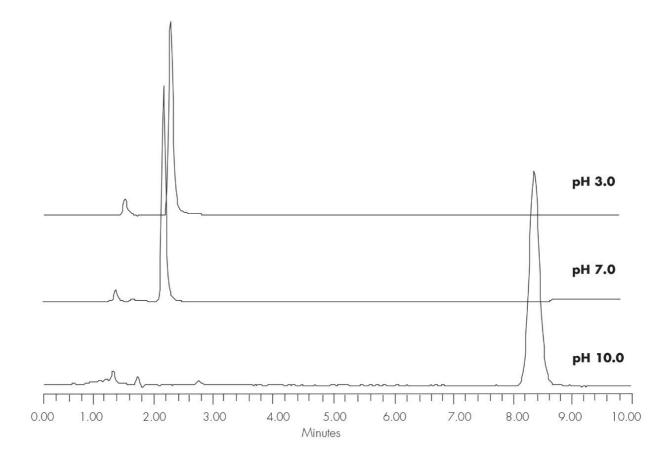
Temperature: 30 °C

Detection: UV @ 280 nm

Instrument: Alliance 2695, 2996 PDA

Mobile Phase pH	USP Tailing
3.0	1.28
7.0	1.23
10.0	1.09

Results and Discussion



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