Waters™

Application Note

Dibucaine - LC/UV

Waters Corporation

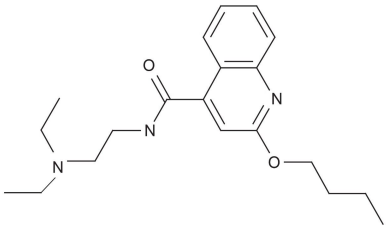
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

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

Introduction

Dibucaine has been studied in this application brief.



Dibucaine

Experimental

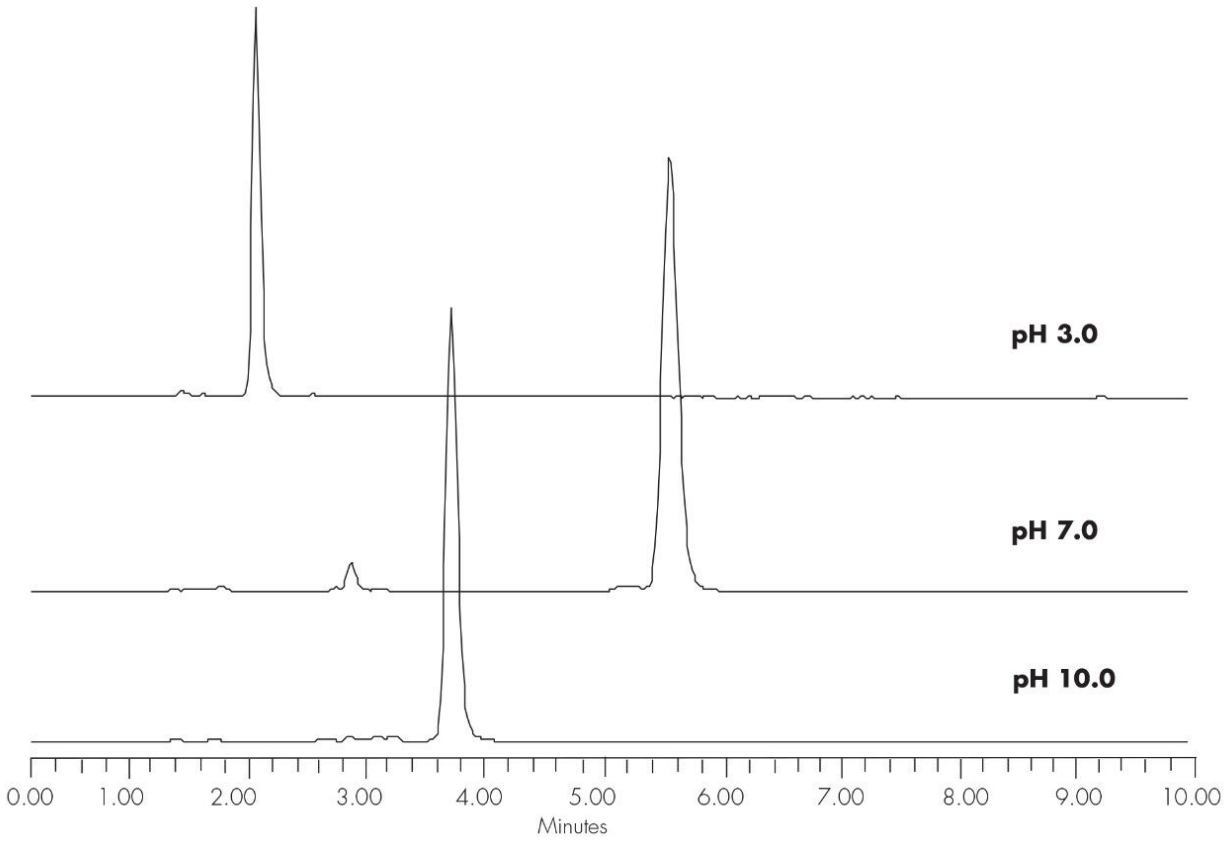
HPLC Method

Column:	XTerra RP_{18} 4.6 x 150 mm, 5 µm (p/n: 186000492)
Mobile phase:	At pH 3.0: H_2O/ACN/100 Mm NH_4COOH, pH 3.0, 30:60:10 At pH 7.0: H_2O/ACN/100 mM NH_4HCO_3, pH 7.0, 35:55:10 At pH 10.0: H_2O/ACN/100 mM NH_4HCO_3, pH 10.0, 20:70:10
Flow rate:	1.0 mL/min
Injection volume:	5 µL of 250 µg/mL
Temperature:	30 °C

Detection:	UV @ 280 nm
Instrument:	Alliance 2695, 2996 PDA

Mobile phase pH	USP Trailing
3	1.23
7	1.19
10	1.18

Results and Discussion



Featured Products

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

WA20738.034, June 2002