Waters™

應用手冊

Chlorpromazine

Waters Corporation

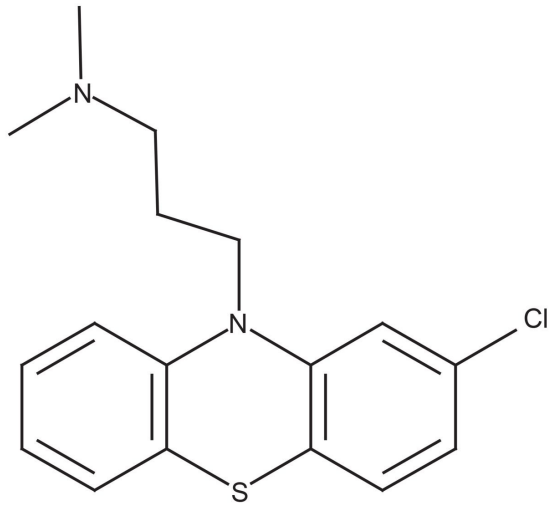
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of chlorpromazine by LC-MS using XTerra RP_{18} Columns.

Introduction

The compound analyzed in this study is chlorpromazine.



Chlorpromazine

Experimental

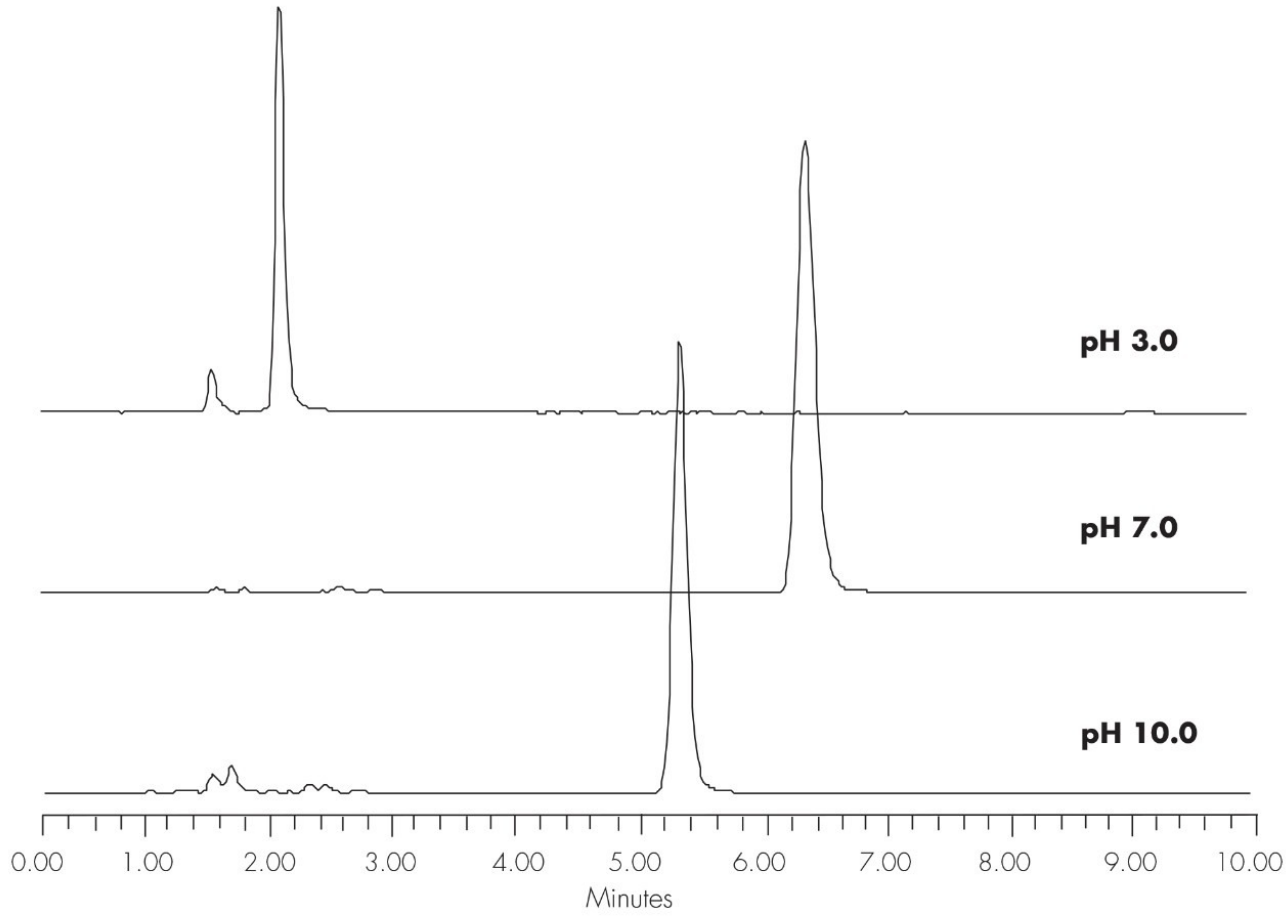
Conditions

Column:	XTerra RP_{18} 4.6 x 150 mm, 5 µm
Part number:	186000492
Mobile phase:	pH 3.0: H_2O/ACN/100 mM NH_4COOH, pH 3.0 25:65:10 pH 7.0: H_2O/ACN/100 mM NH_4HCO_3, pH 7.0 30:60:10 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 @ 270 nm
Instrument:	Alliance 2695, 2996 PDA

Mobile Phase pH	USP Tailing
3.0	1.29
7.0	1.24
10.0	1.14

Results and Discussion



Featured Products

WA20738.023, June 2002