

## Chlorpromazine

---

Waters Corporation



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

---

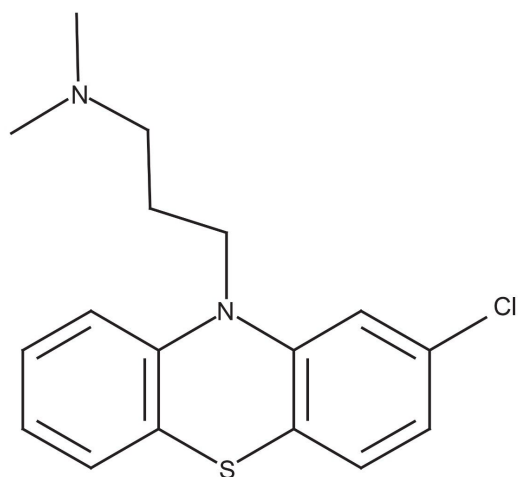
### Abstract

This application brief highlights the analysis of chlorpromazine by LC-MS using XTerra RP<sub>18</sub> Columns.

---

## Introduction

The compound analyzed in this study is chlorpromazine.



## Chlorpromazine

---

## Experimental

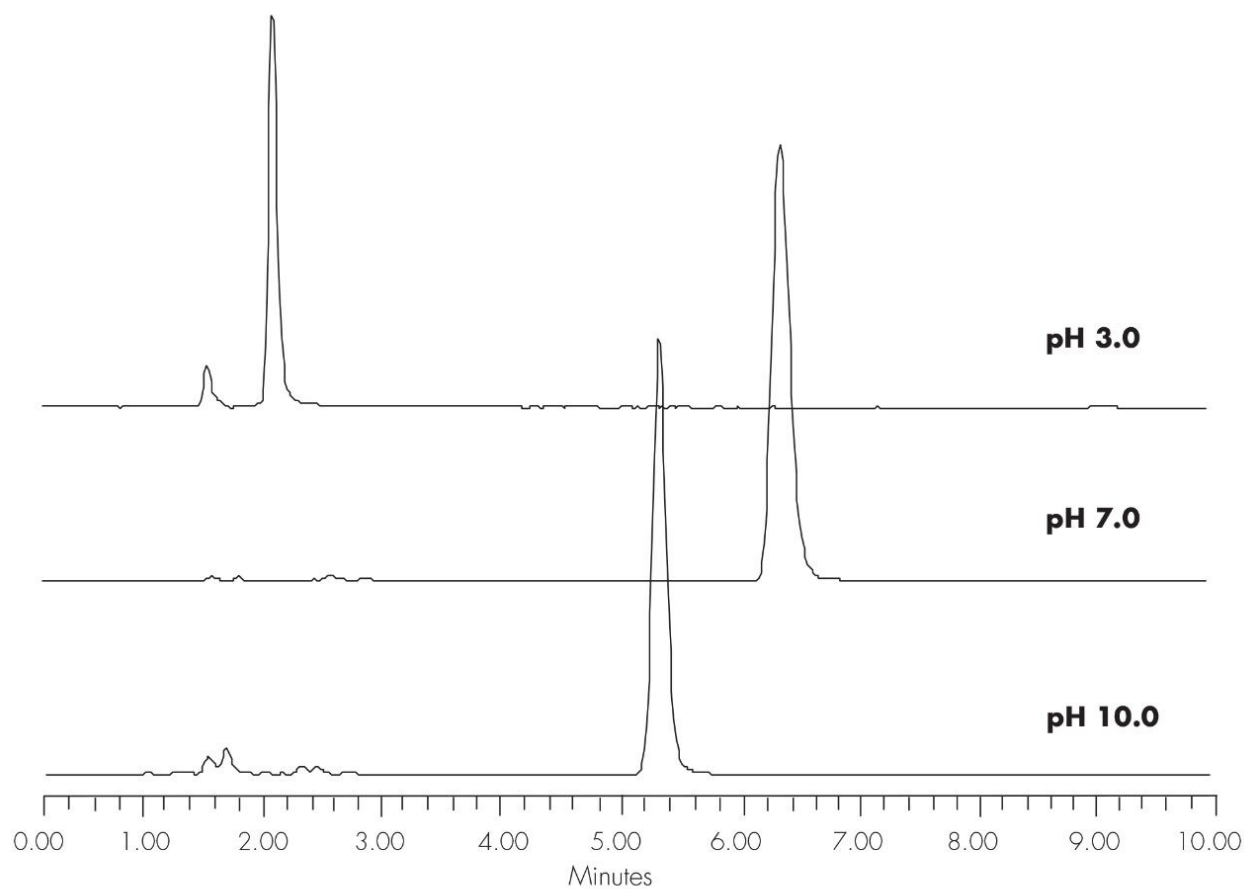
### Conditions

Column:	XTerra RP <sub>18</sub> 4.6 x 150 mm, 5 μm
Part number:	186000492
Mobile phase:	pH 3.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> COOH, pH 3.0 25:65:10 pH 7.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.0 30:60:10 pH 10.0 H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 10.0

	20:70:10
Flow rate:	1.0 mL/min
Injection volume:	5 $\mu$ L of 250 $\mu$ g/mL
Temperature:	30 $^{\circ}$ 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