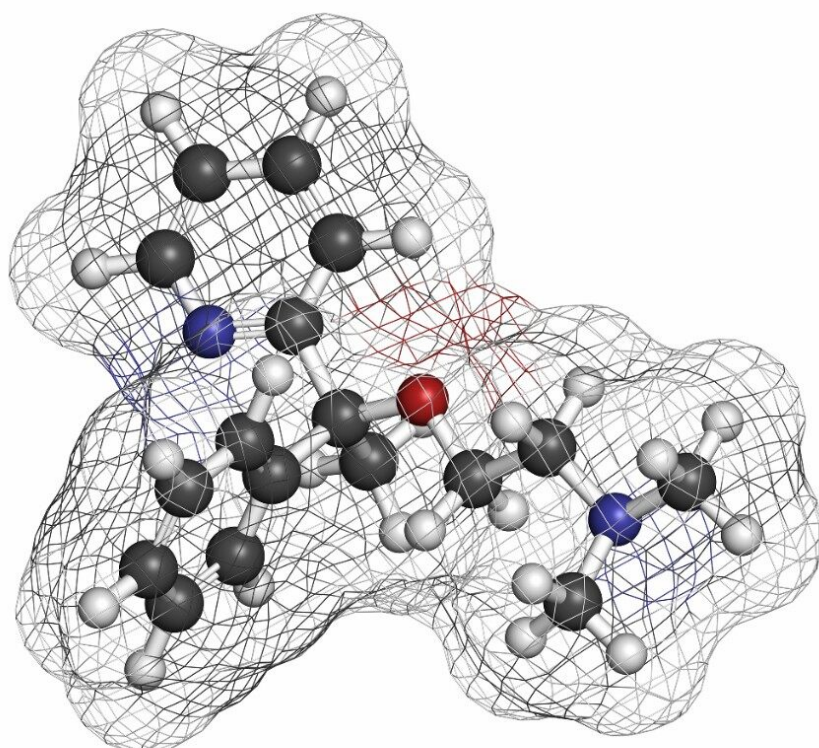


## Doxylamine

---

Waters Corporation



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

---

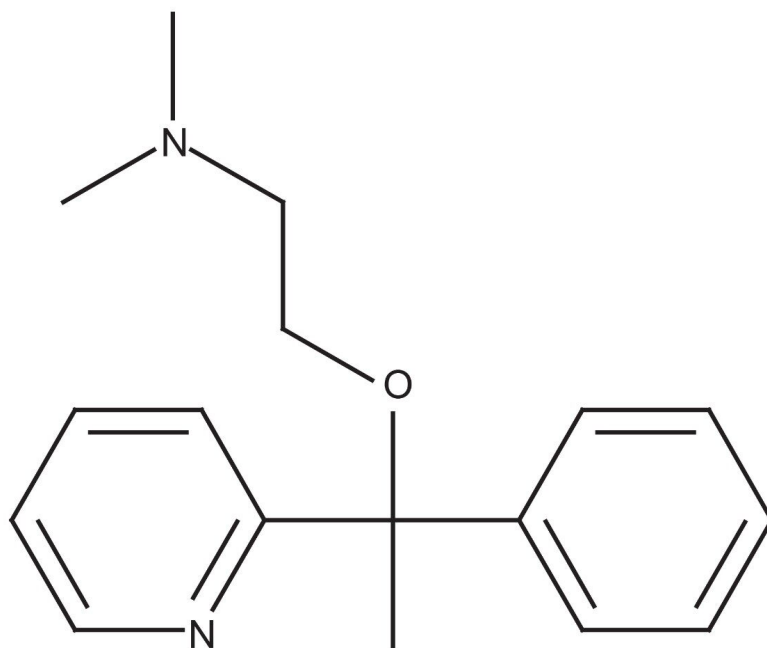
### Abstract

This application brief demonstrates analysis of doxylamine.

---

## Introduction

The compound analyzed in this study is doxylamine.



# Doxylamine

---

## Experimental

### Conditions

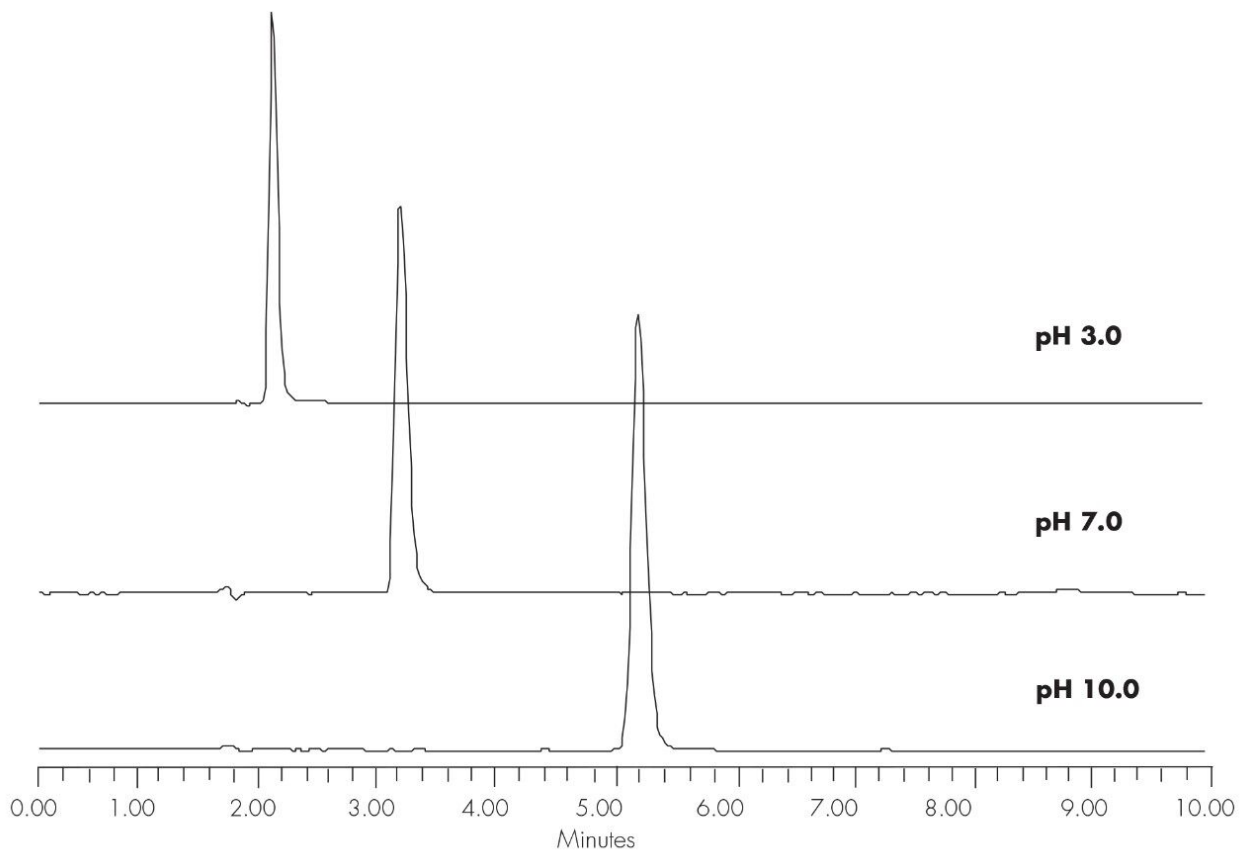
Column: Xterra RP<sub>18</sub> 4.6 x 150 mm, 5 μm

Part number: 186000492

|                   |   |
|-------------------|---|
| Mobile phase:     | pH 3.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> COOH, pH 3.0<br>55:35:10<br><br>pH 7.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.0<br>50:40:10<br><br>pH 10.0 H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 10.0<br>50:40:10 |
| 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               | 1.23  |
| 7.0               | 1.38  |
| 10.0              | 1.18  |

---

## Results and Discussion



---

## Featured Products

Alliance HPLC System <<https://www.waters.com/534293>>

WA20738.045, June 2002