

## Lidocaine HCL

---

Waters Corporation

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

---

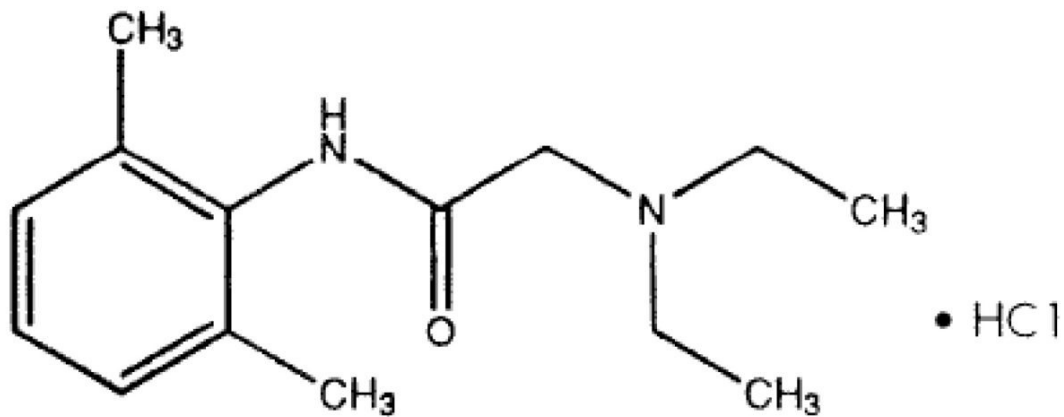
### Abstract

This application brief demonstrates the analysis of Lidocaine HCL using Symmetry Columns.

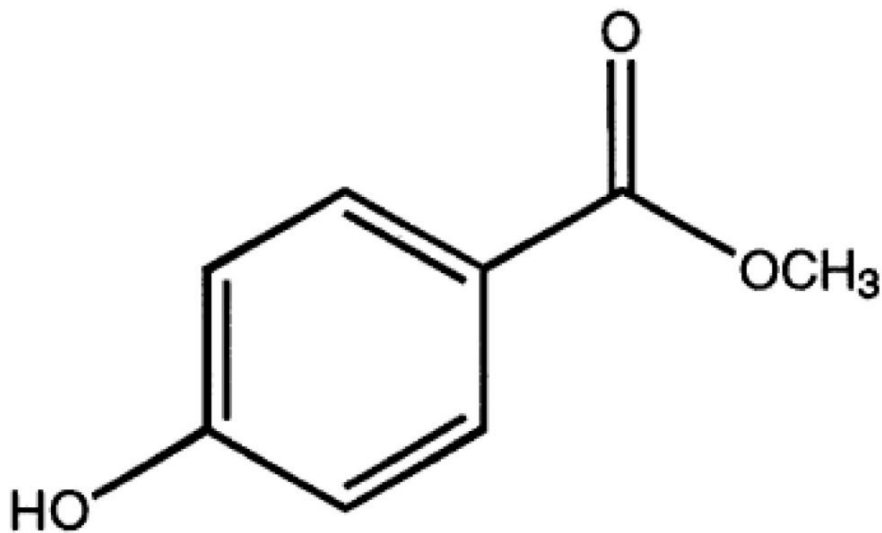
---

### Introduction

The compound analyzed in this study is Lidocaine HCL.



## 1. Lidocaine HCL



## 2. Methylparaben

---

## Experimental

### HPLC Method

Column:	Symmetry Shield RP <sub>18</sub> , 4.6 x 250 mm, 5 µm
Part number:	186000112
Mobile phase:	50 mL glacial acetic acid in 930 mL of water, pH adjusted to 3.4 with 0.1 N sodium hydroxide/70% buffer/30% acetonitrile
Flow rate:	1.5 mL/min
Injection volume:	20 µL
Detection:	UV @ 254 nm

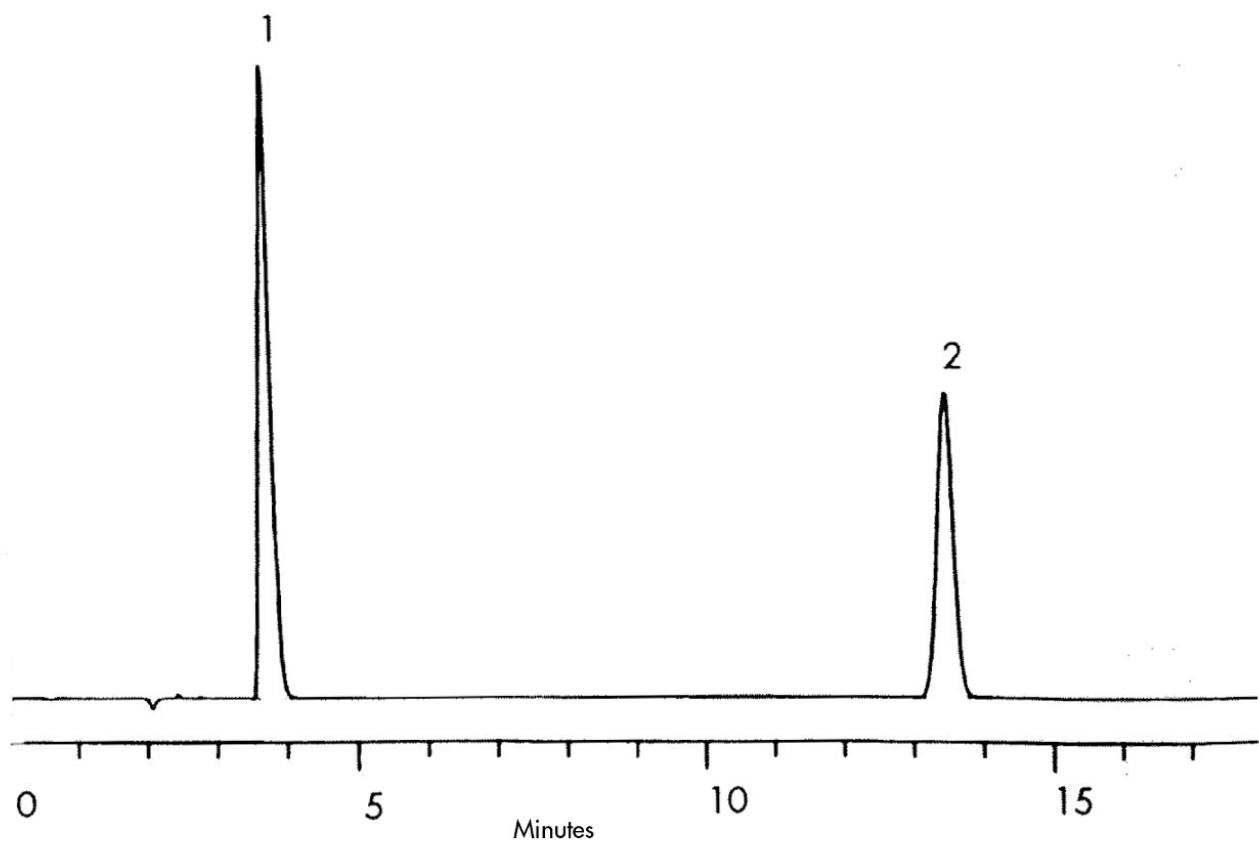
### USP Tailing Factors

1. 2.49

2. 0.99

---

## Results and Discussion



---

## Featured Products

WA31763.95, June 2003

© 2022 Waters Corporation. All Rights Reserved.