

Nota applicativa

## Suprofen - LC-UV

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Waters Corporation



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

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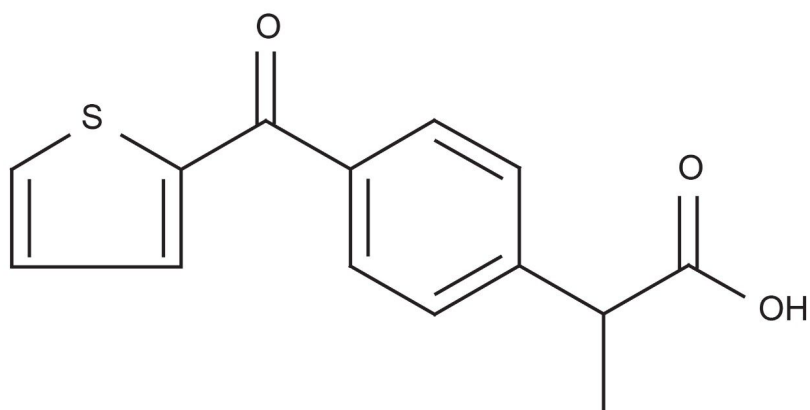
### Abstract

This application brief demonstrates analysis of suprofen by LC-UV.

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## Introduction

The compound analyzed in this study is suprofen by LC-UV.



## Suprofen

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## Experimental

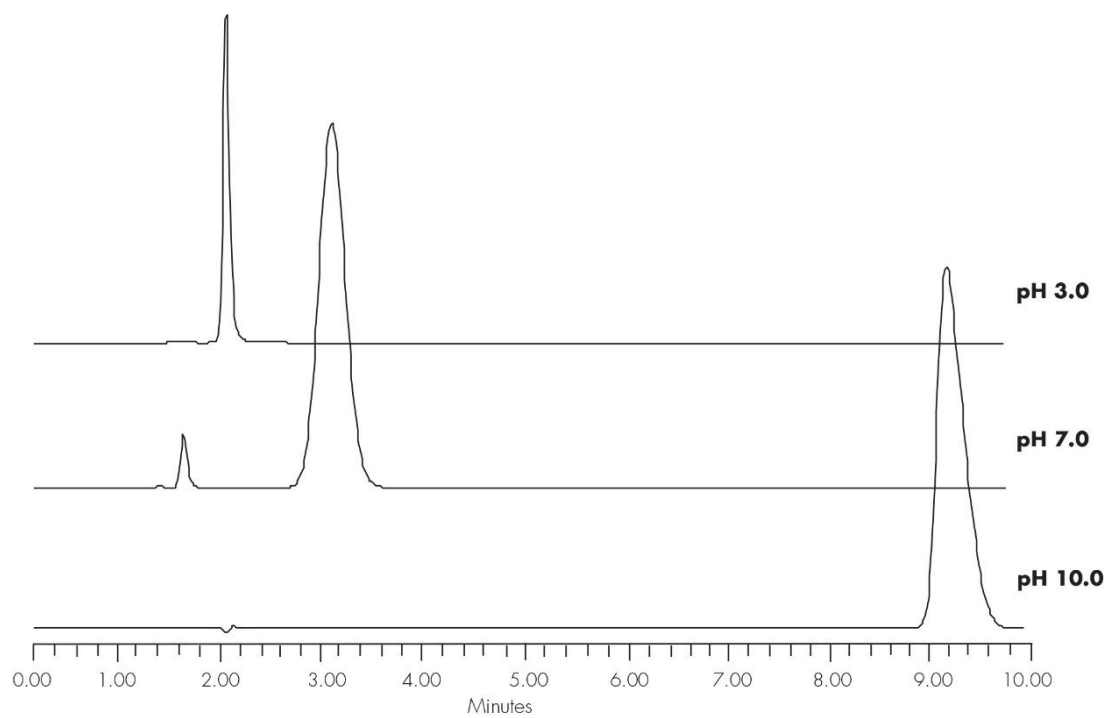
### Conditions

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 15:75:10 pH 7.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.0 50:40:10 pH 10.0 H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 10.0

	75:15:10
Flow rate:	1.0 mL/min
Injection volume:	5 $\mu$ L of 250 $\mu$ g/mL
Temperature:	30 $^{\circ}$ C
Detection:	UV @ 280 nm
Instrument:	Alliance 2695, 2996 PDA
Mobile Phase pH	USP Tailing
3.0	1.2
7.0	1.06
10.0	1.55

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## Results and Discussion



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

WA20738.102, June 2002