

Nota applicativa

## Hydroxyisophthalic Acid

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Waters Corporation



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

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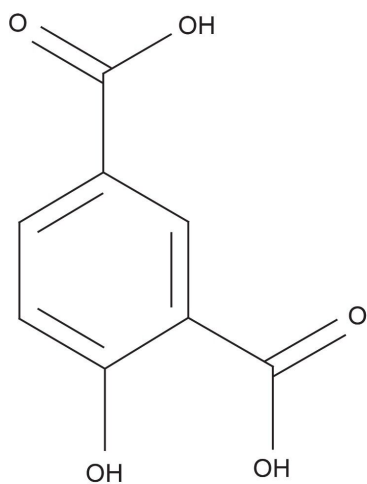
### Abstract

This application brief highlights the analysis of hydroxyisophthalic acid using XTerra Columns.

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## Introduction

The compound analyzed in this study is hydroxyisophthalic acid.



## Hydroxyisophthalic acid

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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 60:30:10 pH 7.0: H <sub>2</sub> O/ACN/100 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.0 90:0:10

pH 10.0 H<sub>2</sub>O/ACN/100 mM NH<sub>4</sub>HCO<sub>3</sub>, pH 10.0  
90:0:10

Flow rate: 1.0 mL/min

Injection volume: 5 µL of 250 µg/mL

Temperature: 30 °C

Detection: UV @ 260 nm

Instrument: Alliance 2695, 2996 PDA

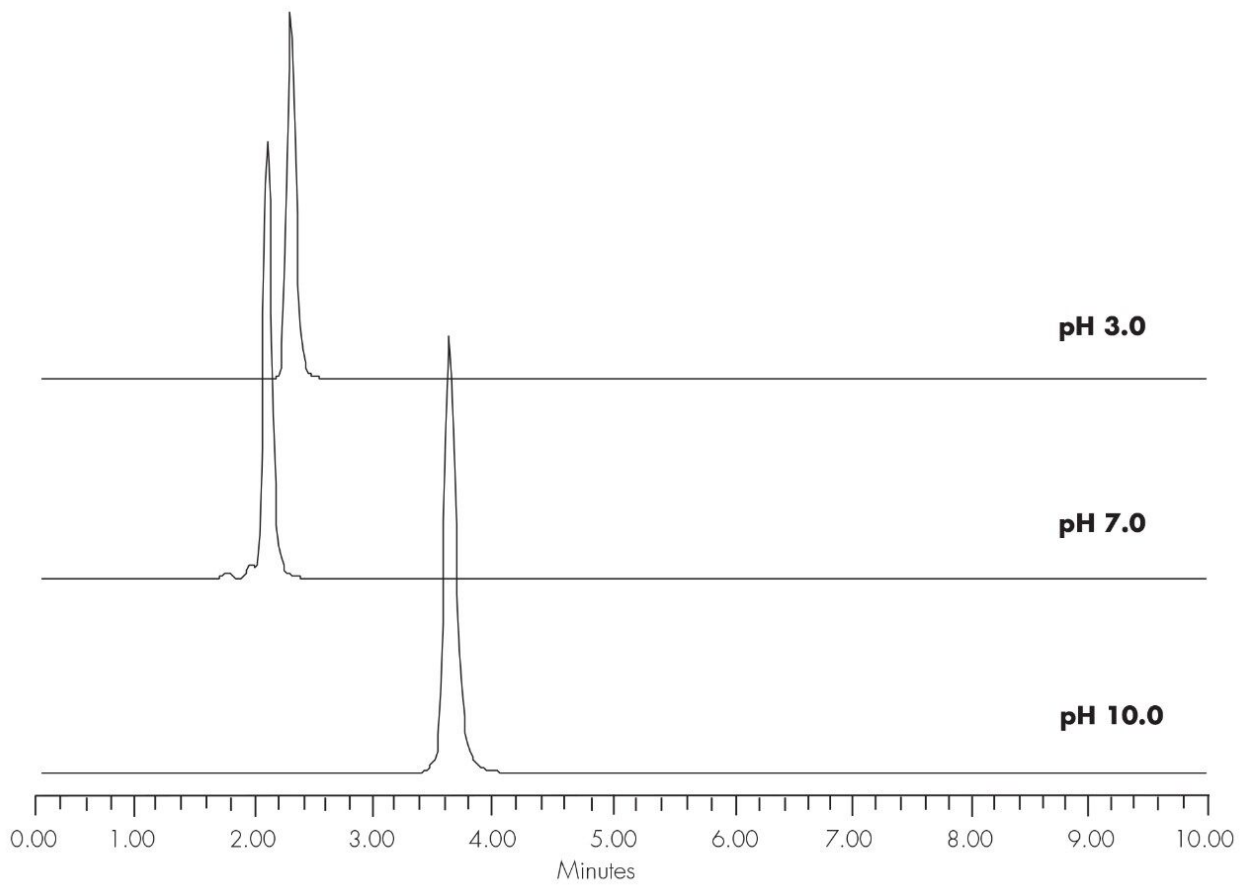
  

Mobile Phase pH                      USP Tailing

3.0	1.17
7.0	1.23
10.0	1.23

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## Results and Discussion



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## Featured Products

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

2998 Photodiode Array (PDA) Detector <<https://www.waters.com/1001362>>

WA20738.061, June 2002

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