

## Hydroxyisophthalic Acid

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Waters Corporation



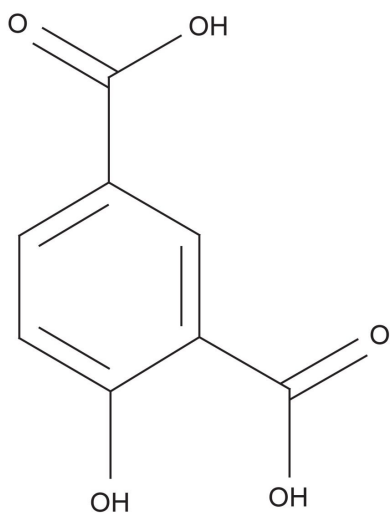
This is an Application Brief and does not contain a detailed Experimental section.

### Abstract

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

## Introduction

The compound analyzed in this study is hydroxyisophthalic acid.



## Hydroxyisophthalic acid

### Experimental

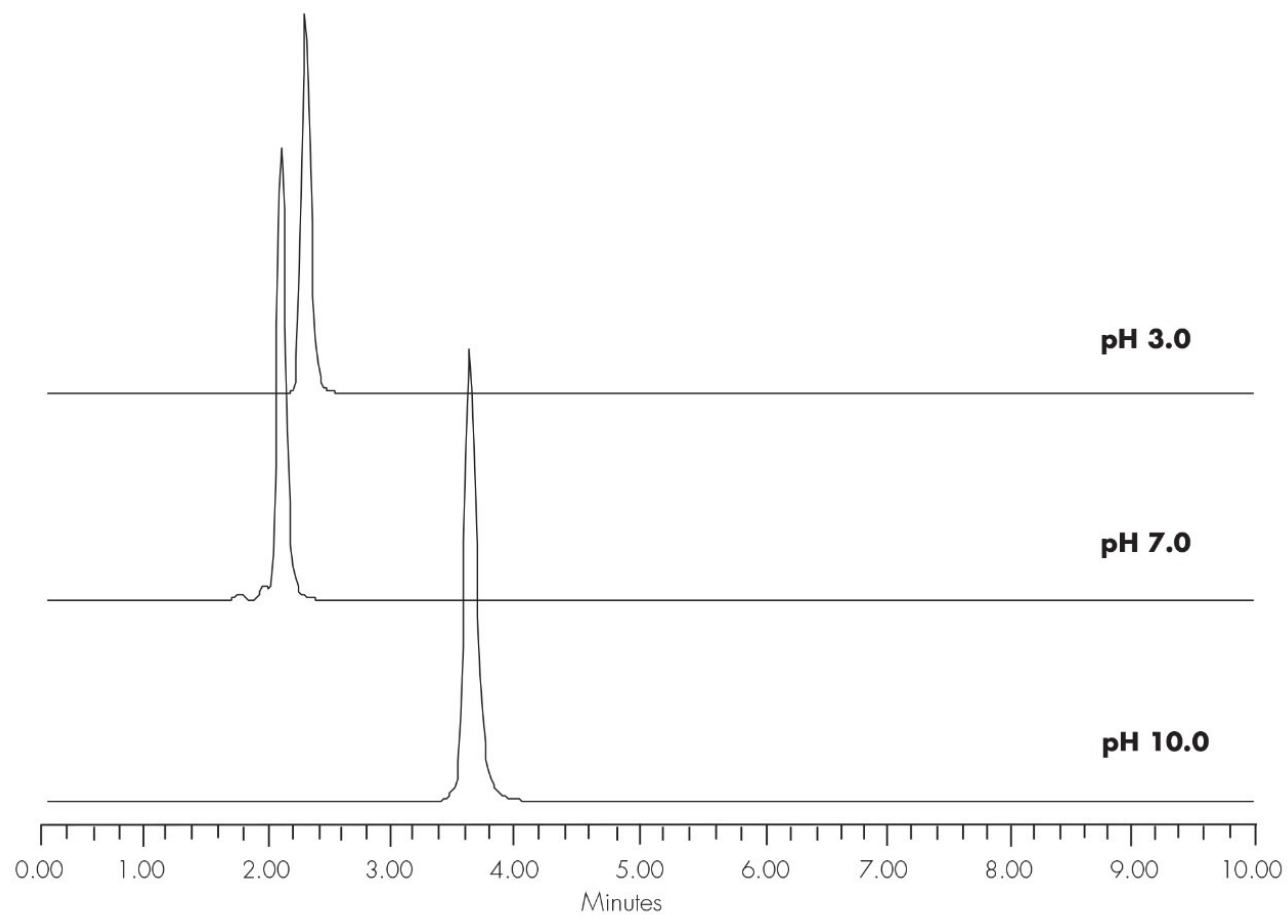
#### Conditions

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

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	90:0:10
Flow rate:	1.0 mL/min
Injection volume:	5 $\mu$ L of 250 $\mu$ g/mL
Temperature:	30 $^{\circ}$ 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

## Results and Discussion



## Featured Products

- [Alliance HPLC System <https://www.waters.com/534293>](https://www.waters.com/534293)
- [2998 Photodiode Array \(PDA\) Detector <https://www.waters.com/1001362>](https://www.waters.com/1001362)

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