

Application Note

Hydroxyisophthalic Acid

Waters Corporation



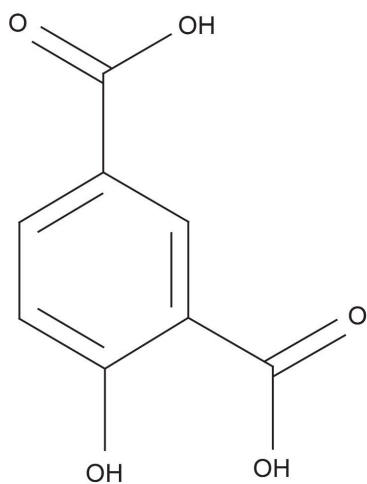
This is an Application Brief and does not contain a detailed Experimental section.

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

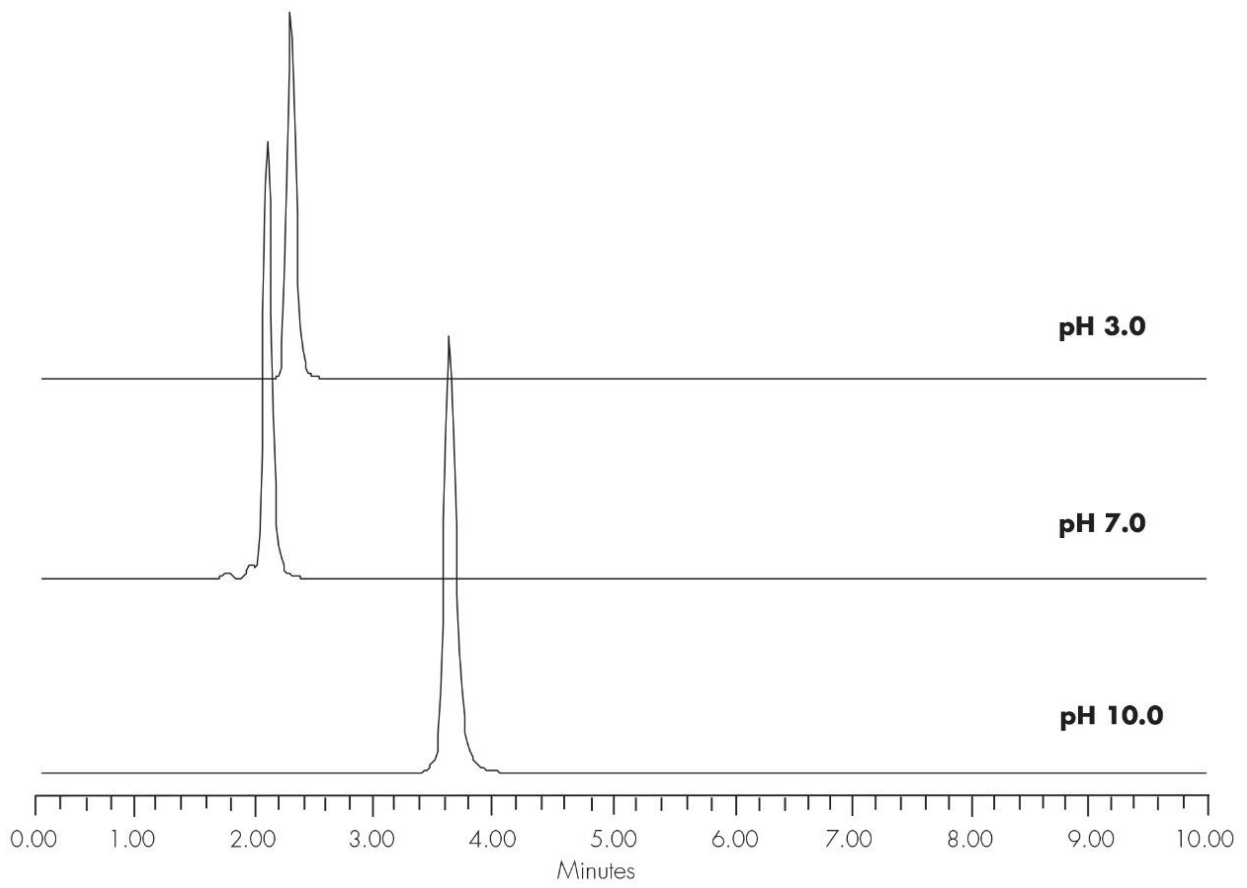
Conditions

Column:	XTerra RP ₁₈ 4.6 x 150 mm, 5 μm
Part number:	186000492
Mobile phase:	pH 3.0: H ₂ O/ACN/100 mM NH ₄ COOH, pH 3.0 60:30:10 pH 7.0: H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 7.0 90:0:10

pH 10.0 H₂O/ACN/100 mM NH₄HCO₃, 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

Results and Discussion



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

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

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