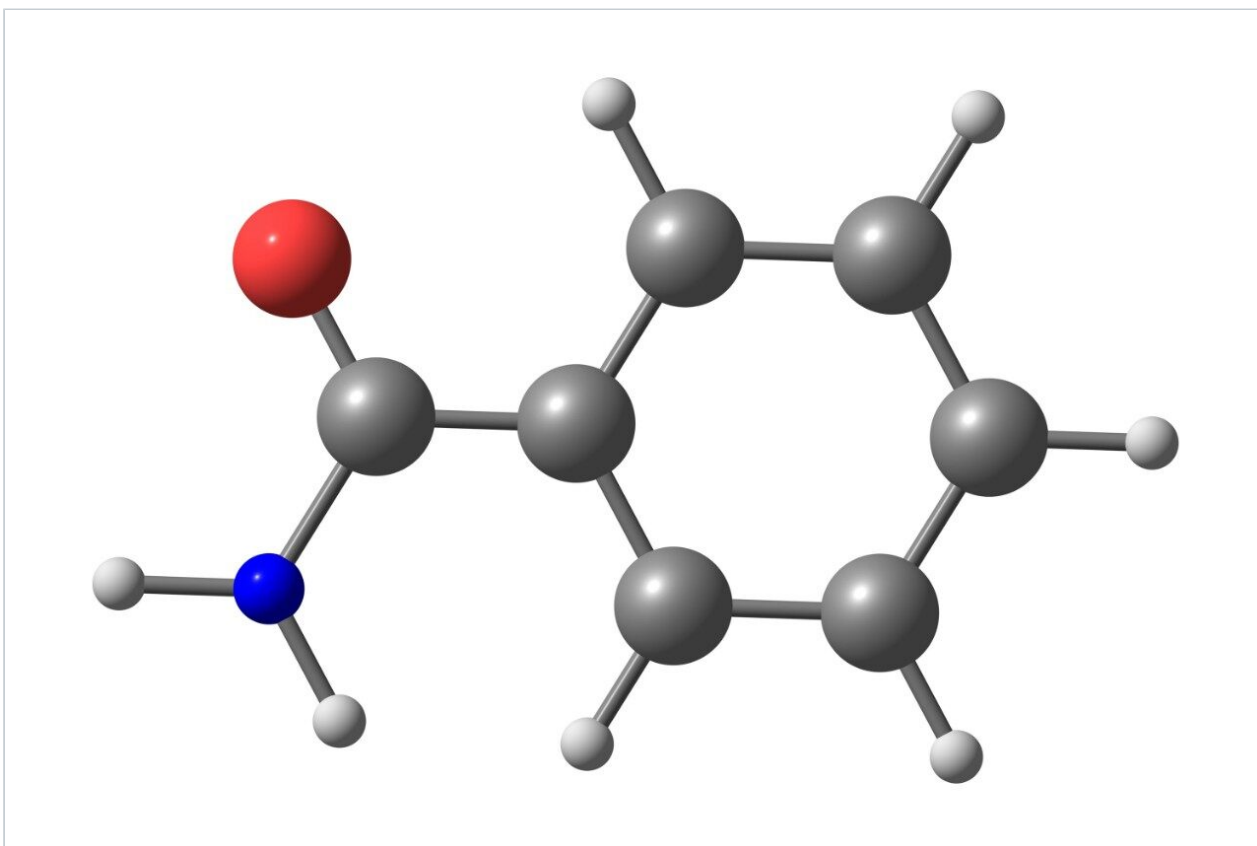


Benzamide

Waters Corporation



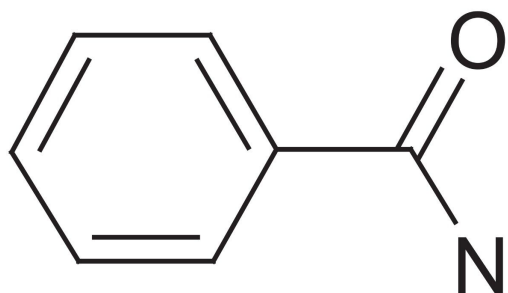
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates the analysis of benzamide using XTerra Columns.

Introduction

In this study the compound analyzed is benzamide.



Benzamide

Experimental

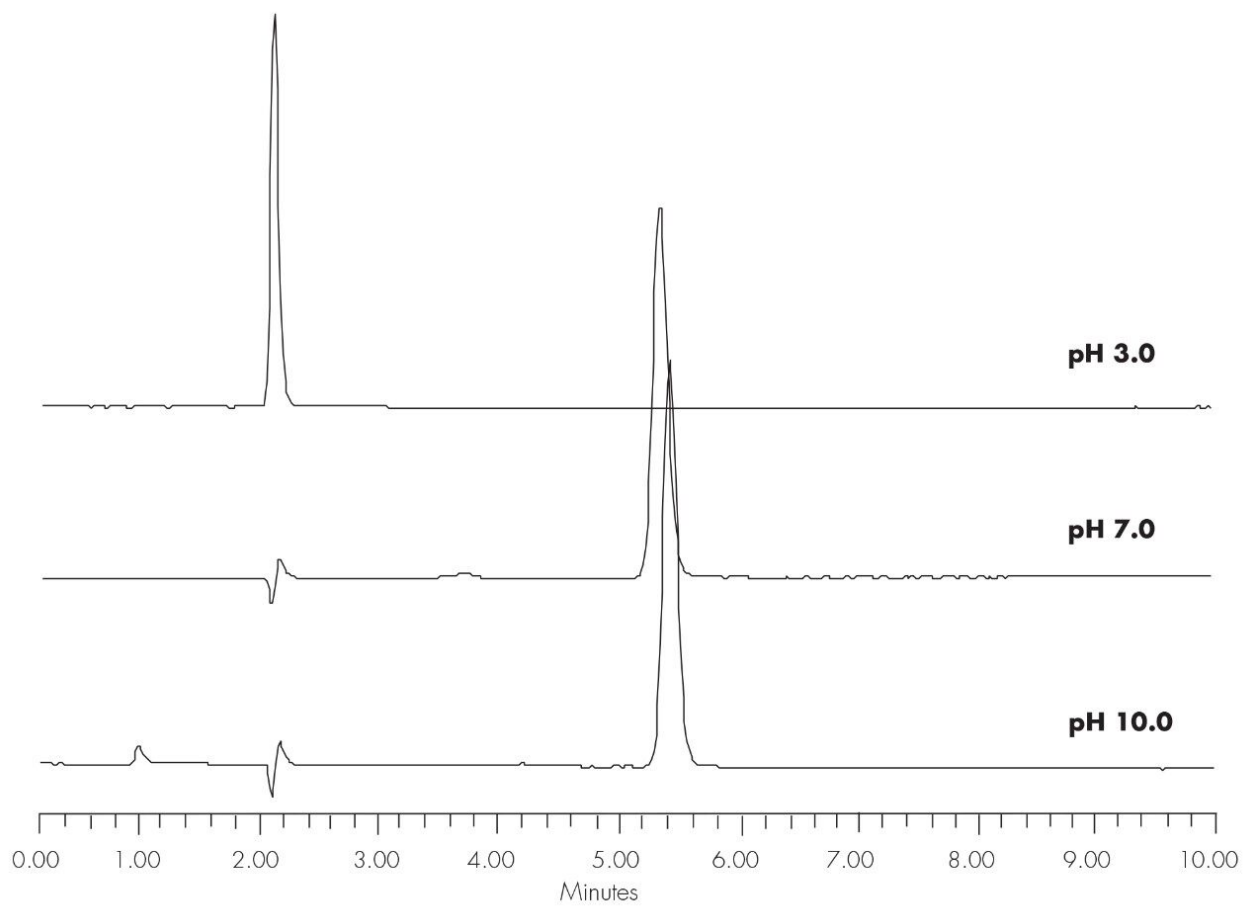
Conditions

Column:	XTerra RP ₁₈ 4.6 x 50 mm, 5 μm
Part number:	186000492
Mobile phase:	pH 3.0: H ₂ O/ACN/100 mM NH ₄ COOH, pH 3.0 50: 50:40:10 pH 7.0: H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 7.0 10:10:10 pH 10.0 H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 10.0 80:10:10
Flow rate:	1.0 mL/min

Injection volume: 5 μ L of 250 μ g/mL
Temperature: 30 $^{\circ}$ C
Detection: UV @ 270 nm
Instrument: Alliance 2695, 2996 PDA

Mobile Phase pH	USP Tailing
3.0	1.19
7.0	1.12
10.0	1.09

Results and Discussion



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WA20738.017, June 2002