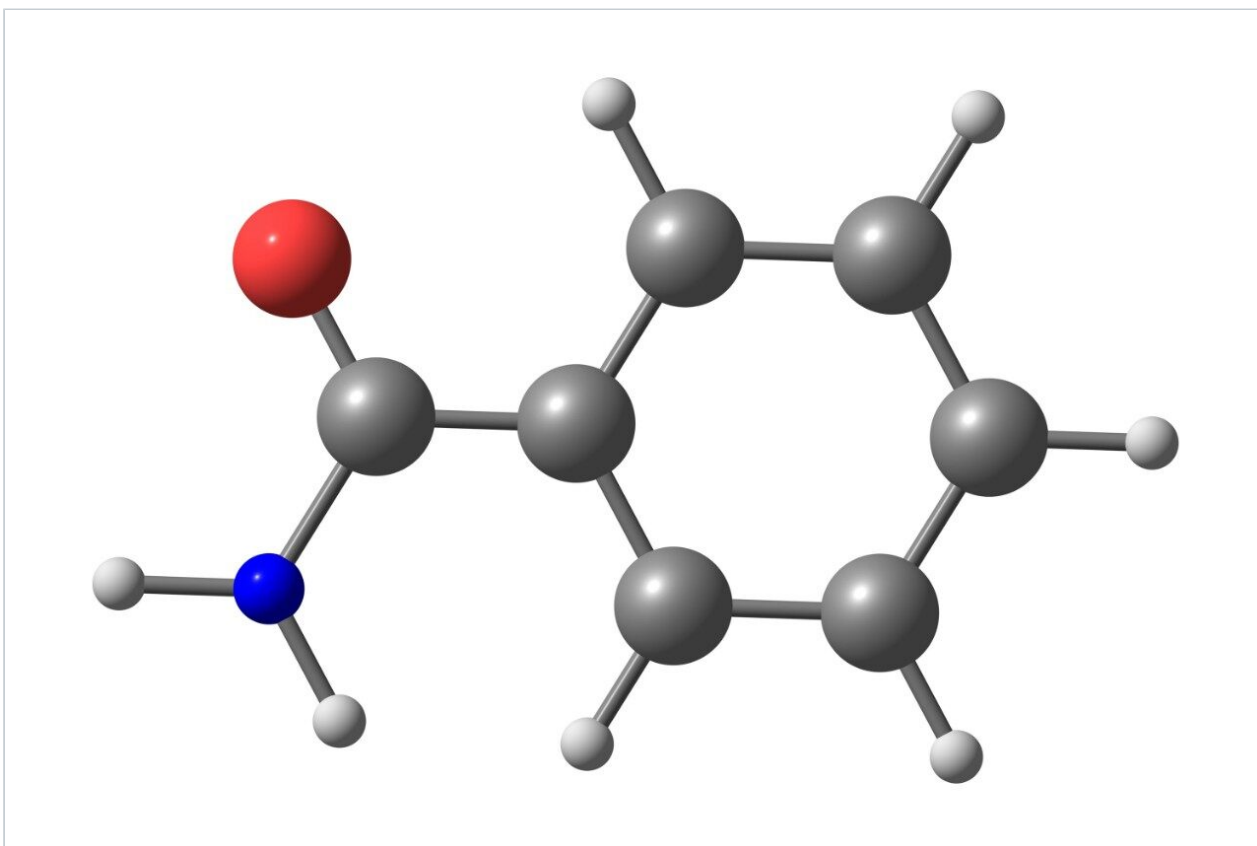


Benzamide

Waters Corporation



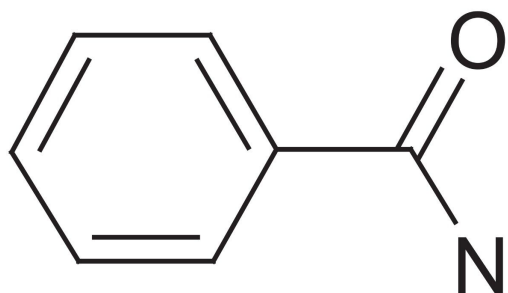
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

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

Introduction

In this study the compound analyzed is benzamide.



Benzamide

Experimental

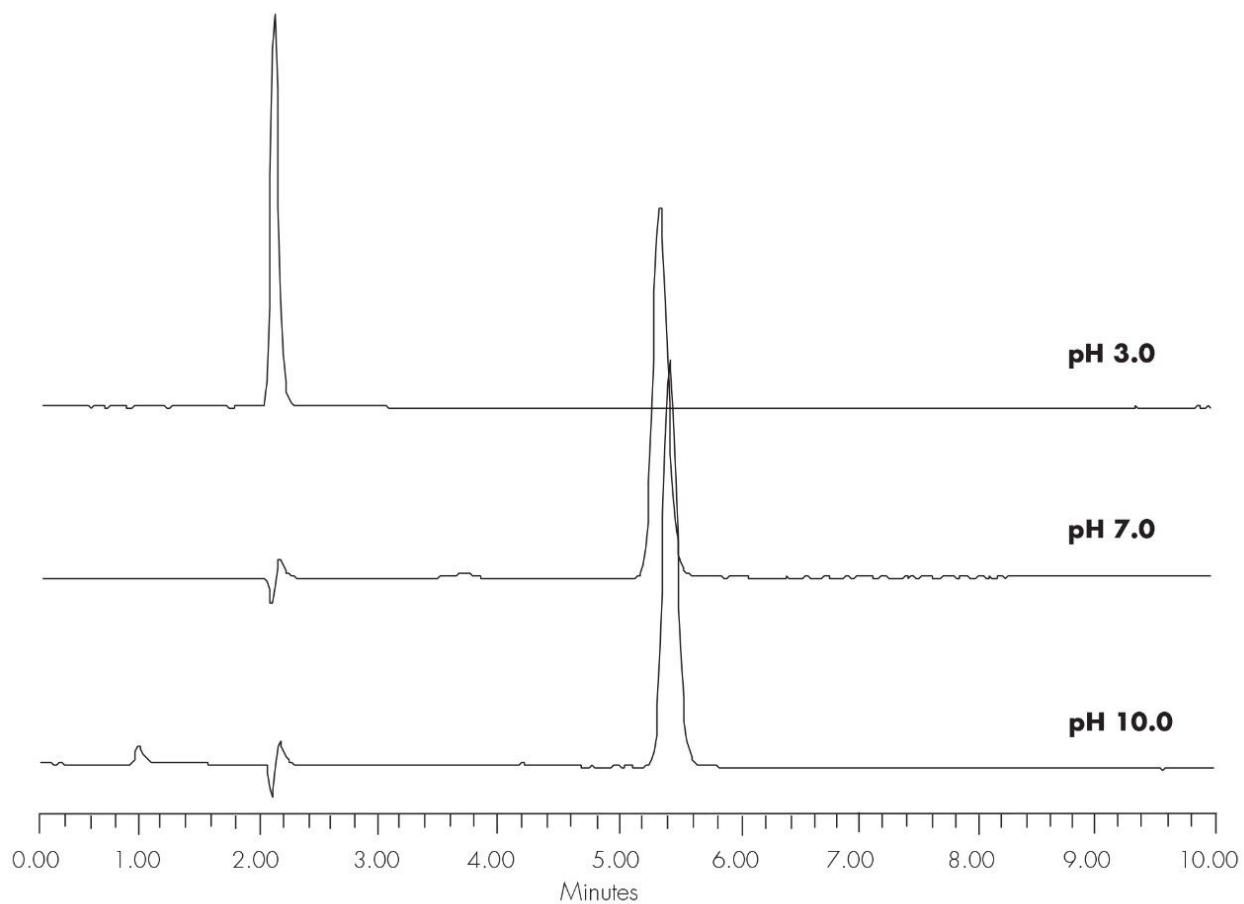
Conditions

| | |
|---------------|---|
| 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



Featured Products

WA20738.017, June 2002