

## ACQUITY UPLC Analysis of Thiourea

---

日本ウォーターズ株式会社



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

---

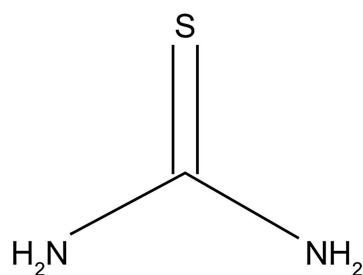
### Abstract

This application brief demonstrates the analysis of Thiourea.

---

## Introduction

### Structure



**Thiourea**

---

## Experimental

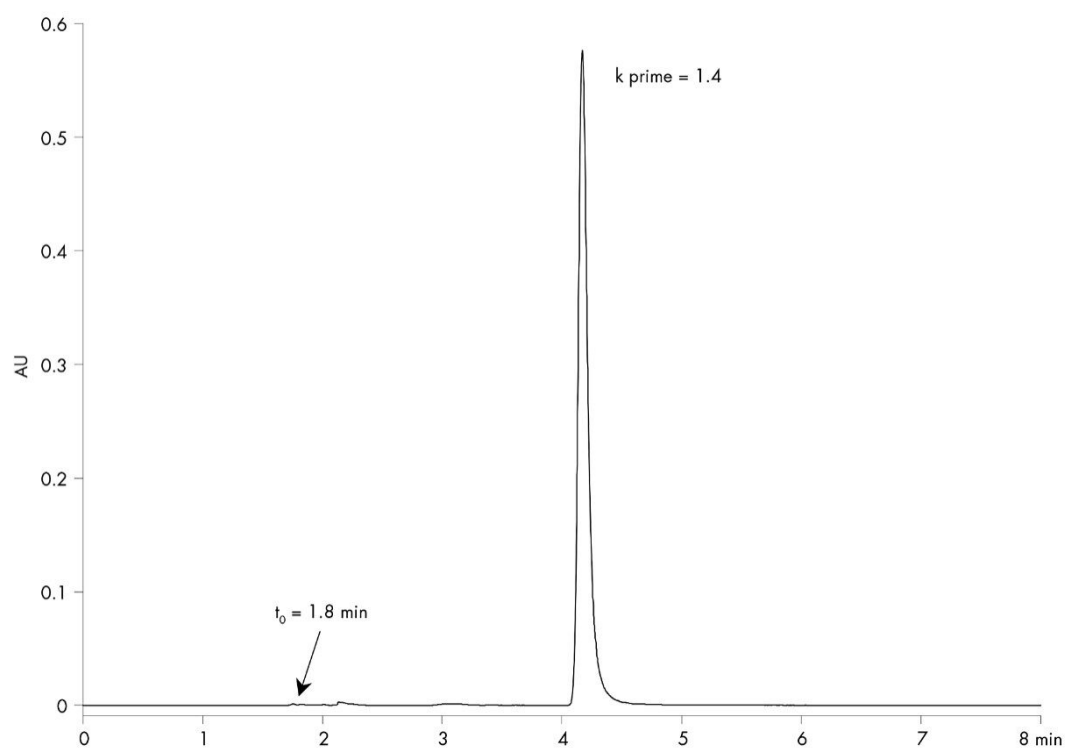
### Test Conditions

Column:	ACQUITY UPLC BEH Amide, 2.1 x 150 mm, 1.7 μm
Part Number:	186004802
Isocratic Mobile Phase:	95/2.5/2.5 MeCN/IPA/H <sub>2</sub> O with 10 mM CH <sub>3</sub> COONH <sub>4</sub> and 0.01% NH <sub>4</sub> OH, pH 9.0
Flow Rate:	0.2 mL/min
Injection Volume:	5.0 μL (PLNO)
Sample Concentration:	10 μg/mL
Sample Diluent:	75/25 MeCN/MeOH with 0.2% HCOOH
Column Temperature:	25 °C

Weak Needle Wash:	95/5 MeCN/H <sub>2</sub> O
Detection:	UV @ 245 nm
Sampling Rate:	20 points/sec
Filter Time Constant:	0.2
Instrument:	Waters ACQUITY UPLC with ACQUITY UPLC PDA Detector

---

## Results and Discussion



---

## Featured Products

ACQUITY UPLC System <<https://www.waters.com/514207>>

ACQUITY UPLC PDA Detector <<https://www.waters.com/514225>>

WA60095, June 2009

©2019 Waters Corporation. All Rights Reserved.