

## ACQUITY UPLC Analysis of Thiourea

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Waters Corporation



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

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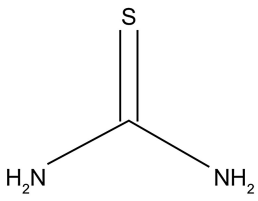
## Abstract

This application brief demonstrates the analysis of Thiourea.

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## Introduction

### Structure



**Thiourea**

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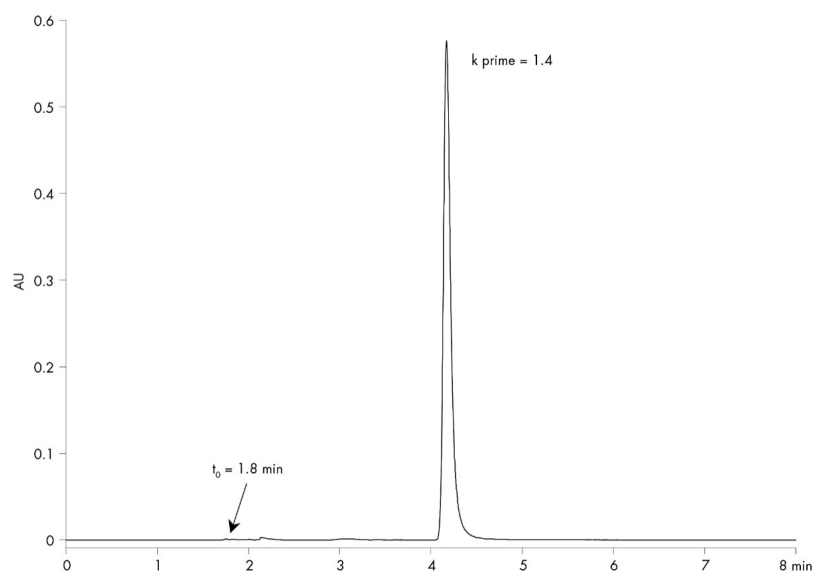
# Experimental

## Test Conditions

Column:	ACQUITY UPLC BEH Amide, 2.1 x 150 mm, 1.7 $\mu$ m
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 $\mu$ L (PLNO)
Sample Concentration:	10 $\mu$ g/mL
Sample Diluent:	75/25 MeCN/MeOH with 0.2% HCOOH
Column Temperature:	25 $^{\circ}$ 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

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## Results and Discussion



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## Featured Products

[ACQUITY UPLC System](#)

[ACQUITY UPLC PDA Detector](#)

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