

Nota applicativa

## ACQUITY UPLC Analysis of Allantoin

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Waters Corporation

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

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### Abstract

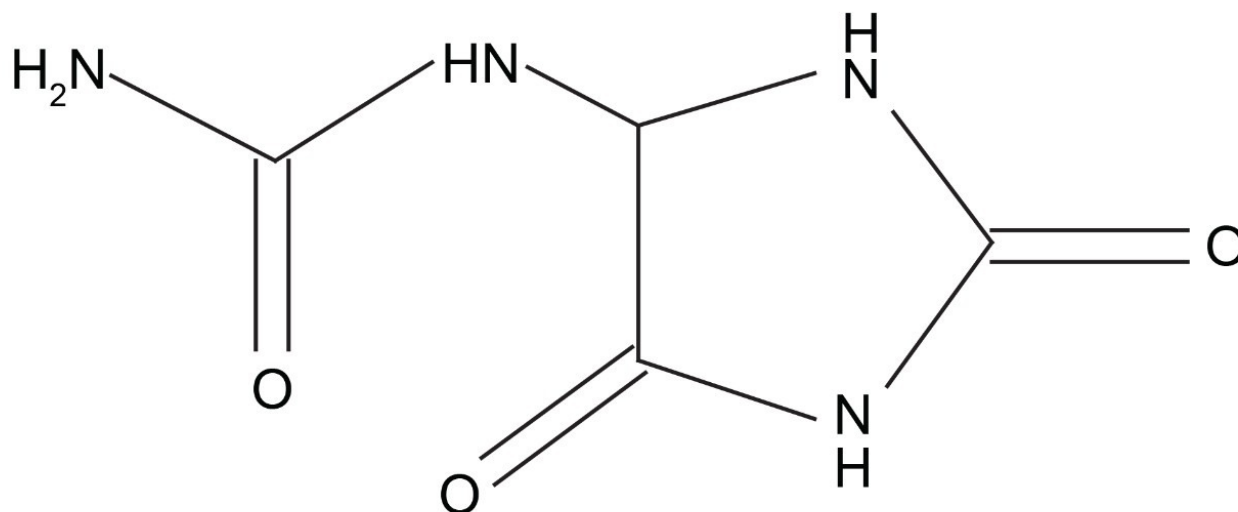
This application brief highlights the analysis of allantoin on ACQUITY UPLC BEH Amide Columns.

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### Introduction

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## Structures



# Allantoin

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## Experimental

### Test Conditions

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Column:                   | ACQUITY UPLC BEH Amide, 2.1 x 150 mm,<br>1.7 $\mu$ m |
| Part Number:              | 186004802                                            |
| Isocratic Mobile Phase B: | 90/10 MeCN/H <sub>2</sub> O                          |

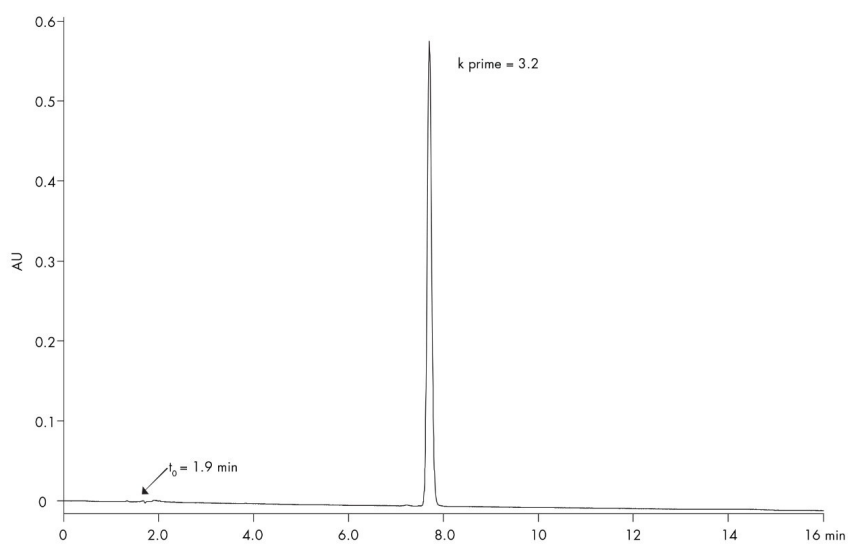
|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| Flow Rate:            | 0.2 mL/min                                            |
| Injection Volume:     | 5.0 µL (PLNO)                                         |
| Sample Concentration: | 100 µg/mL                                             |
| Sample Diluent:       | 90/10 MeCN/H <sub>2</sub> O                           |
| Column Temperature:   | 25 °C                                                 |
| Weak Needle Wash:     | 95/5 MeCN/H <sub>2</sub> O                            |
| Detection:            | UV @ 210 nm                                           |
| Sampling Rate:        | 20 points/sec                                         |
| Filter Time Constant: | 0.2                                                   |
| Instrument:           | Waters ACQUITY UPLC with ACQUITY<br>UPLC PDA Detector |

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## Results and Discussion

The compound used in this study is:

1. Allantoin



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## Featured Products

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

WA60107, June 2009

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