

Nota de aplicación

## Succinimides

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Waters Corporation



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

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### Abstract

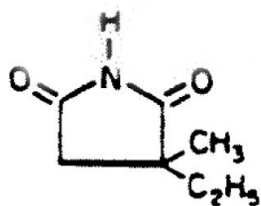
This application brief demonstrates analysis of Succinimides.

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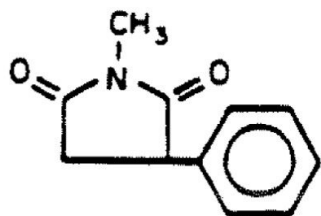
## Introduction

The compounds used in this study are -

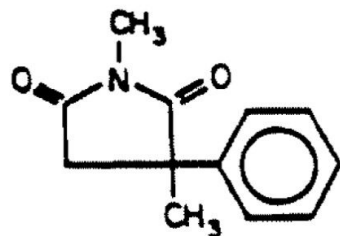
| Compounds    | USP Tailing Factors |
|--------------|---------------------|
| Ethosuximide | 0.96                |
| Phensuximide | 0.92                |
| Methsuximide | 0.91                |



**1. Ethosuximide**



**2. Phensuximide**



**3. Methsuximide**

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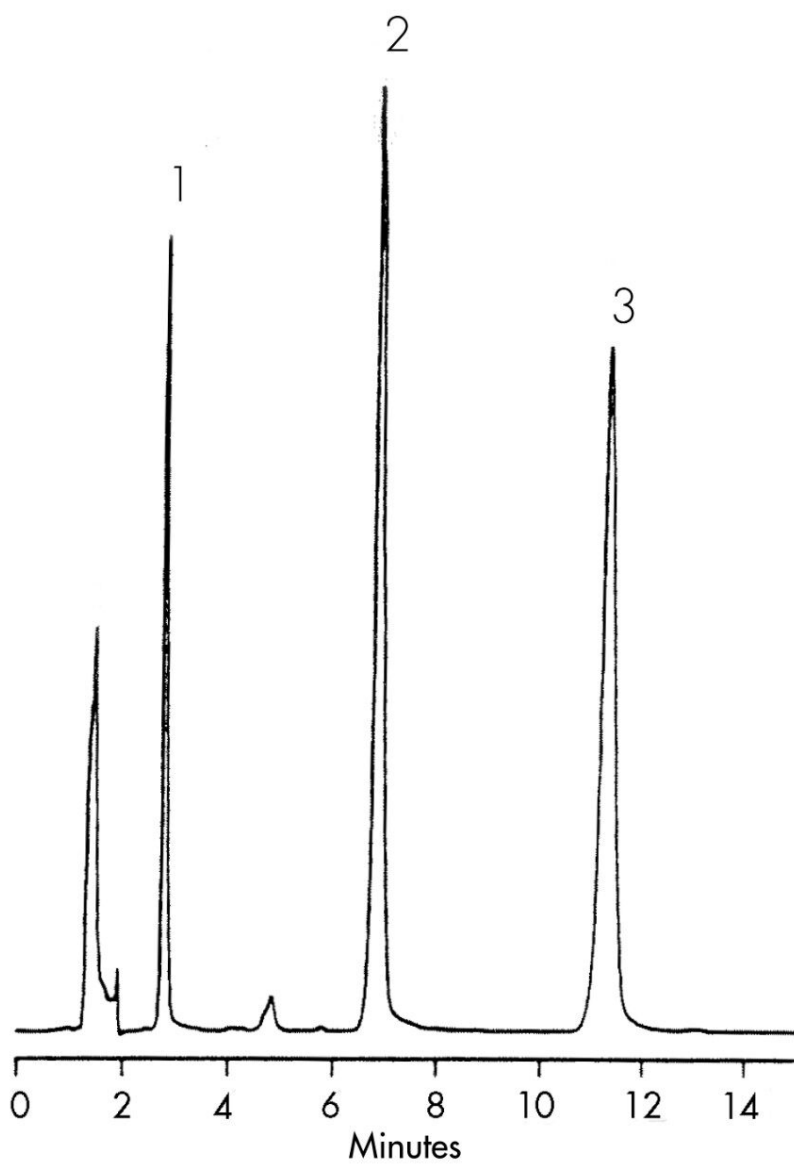
## Experimental

### HPLC Method

|                   |   |
|-------------------|---|
| Column:           | Symmetry C <sub>8</sub> , 3.9 x 150 mm, 5 μm                  |
| Guard column:     | Sentry Guard Column 3.9 x 20 mm, 5 μm                         |
| Part numbers:     | Column - WAT046970, Guard - WAT054250                         |
| Mobile phase:     | 100 mM potassium phosphate, pH<br>6.9/methanol/water 20:30:50 |
| Flow rate:        | 1.0 mL/min  |
| Injection volume: | 10 μL of 40–500 μg/mL sample                                  |
| Detection:        | UV @ 214 nm   |

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## Results and Discussion



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## Featured Products

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