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Application Note

Succinimides

Waters Corporation



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

Abstract

This application brief demonstrates analysis of Succinimides.

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

Experimental

HPLC Method

Column: Symmetry C_8 , 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

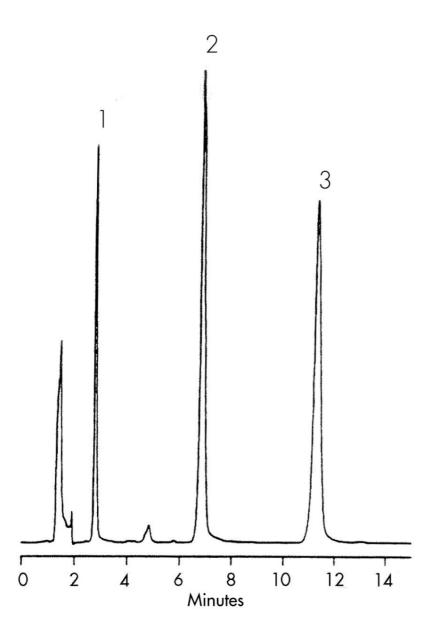
6.9/methanol/water 20:30:50

Flow rate: 1.0 mL/min

Injection volume: 10 μ L of 40–500 μ g/mL sample

Detection: UV @ 214 nm

Results and Discussion



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