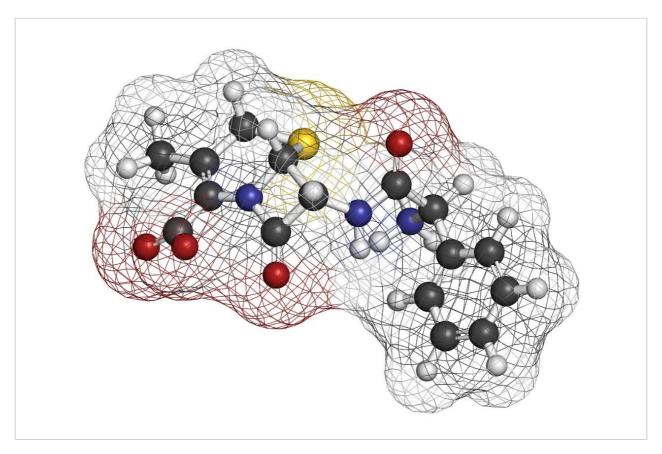
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Application Note

Cephalexin

Waters Corporation



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

Abstract

This application brief demonstrates analysis of cephalexin.

Introduction

The compounds analyzed in this sudy are -

Compounds USP Tailing Factors

1-hydroxybenzotriazole (IS) 1.4

Cephalexin 1.2

1. 1-hydroxybenzotriazole (IS)

2. Cephalexin

Experimental

HPLC Method

Detection:

Column: Symmetry C₁₈, 3.0 x 150 mm, 5 µm

Part number: WAT054200

Mobile phase: 1.25% glacial acetic acid in water/methanol 88:12

Flow rate: 0.6 mL/min

Injection volume: 400 µL of cephalexin (1 mg/mL) and 200 µL of 1-hydroxybenzotriazole (Internal standard, 1 mg/mL)

UV @ 254 nm

Results and Discussion



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