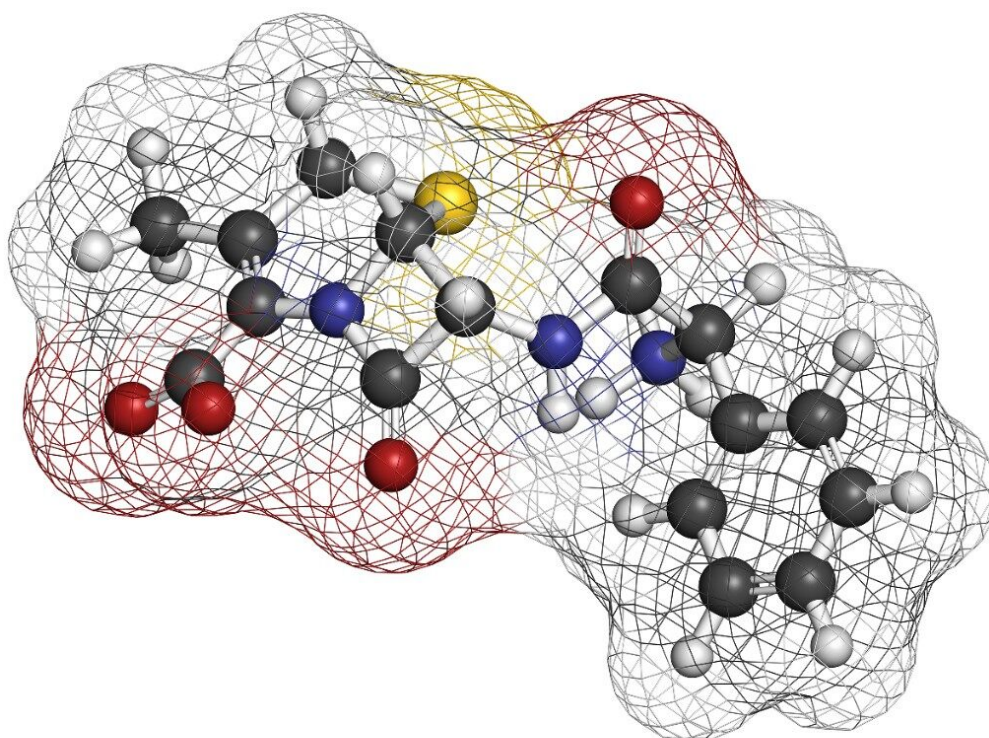


Cephalexin

Waters Corporation



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

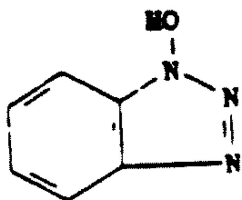
Abstract

This application brief demonstrates analysis of cephalexin.

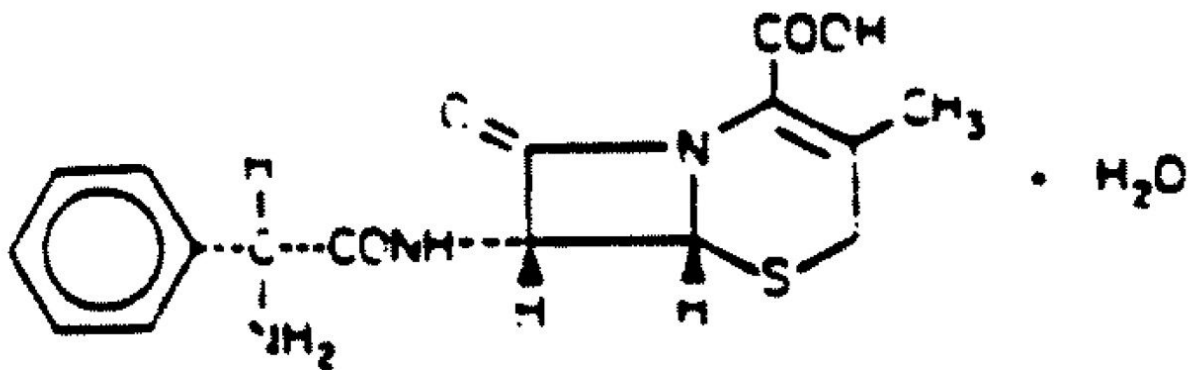
Introduction

The compounds analyzed in this study are -

Compounds	USP Tailing Factors
1-hydroxybenzotriazole (IS)	1.4
Cephalexin	1.2



1. 1-hydroxybenzotriazole (IS)



2. Cephalexin

Experimental

HPLC Method

Column:	Symmetry C ₁₈ , 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)
Detection:	UV @ 254 nm

Results and Discussion



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WA31763.51, June 2003