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Application Note

Diphenoxylate HCL

Waters Corporation

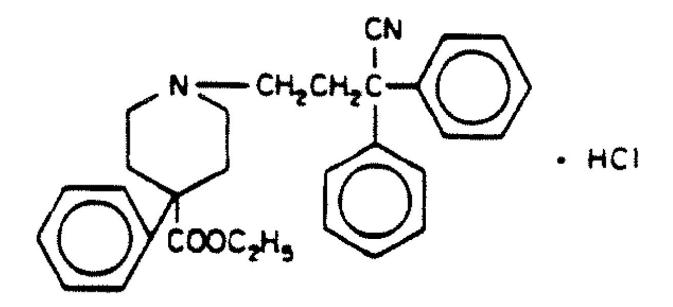
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates the analysis of diphenoxylate HCL using Symmetry Columns.

Introduction

The compound analyzed in this study is Diphenoxylate HCL.



1. Diphenoxylate HCL

Experimental

HPLC Method

Column: Symmetry C_{18} , 3.9 x 150 mm, 5 μm

Part number: WAT046980

Mobile phase: 50 mM potassium phosphate, pH 6.0/acetonitrile

30:70

Flow rate: 1.0 mL/min

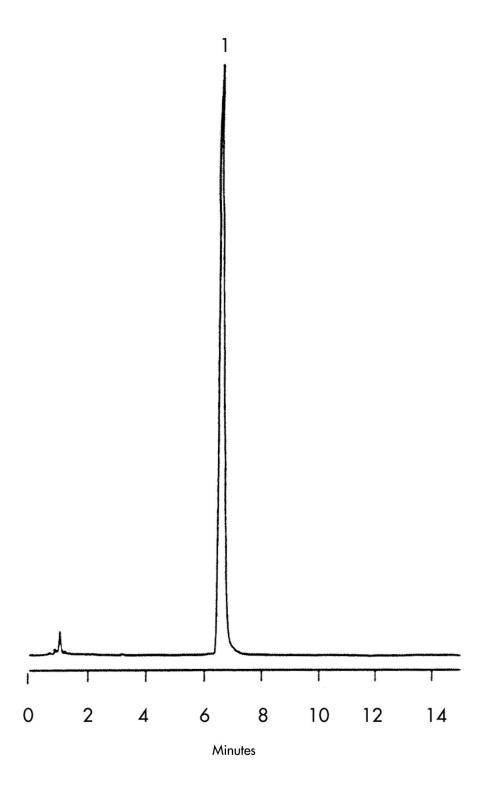
Injection volume: 10 μ L of 100 μ g/mL Diphenoxylate hydrochloride

Detection: UV @ 210 nm

USP Tailing Factors

1. 1.3

Results and Discussion



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