Waters™

应用纪要

Dextromethorphan in a Cough Syrup

Waters Corporation

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

Abstract

This application brief demonstrates the analysis of dextromethorphan using Symmetry Columns.

Introduction

The compound analyzed in this study is dextromethorphan.

1. Dextromethorphan

Experimental

HPLC Method

Column: Symmetry C₈, 3.9 x 150 mm, 5 μm

Guard column: Symmetry Guard Column 3.9 x 20 mm, 5 μm

Part numbers: Column - WAT046970, Guard - WAT054250

Mobile phase: 23 mM ammonium nitrate, pH 3.4/acetonitrile

30:70

Flow rate: 1.0 mL/min

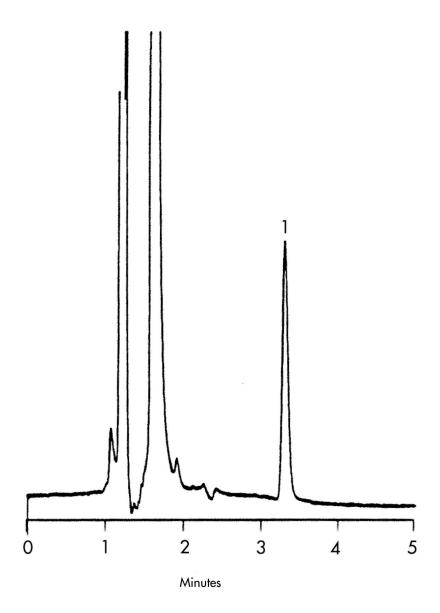
Injection volume: 20 μ L of 100 μ g/mL sample

Detection: UV @ 254 nm

USP Tailing Factors

1.0.95

Results and Discussion



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