# Waters™



# Dextromethorphan - Symmetry Columns

**Waters Corporation** 

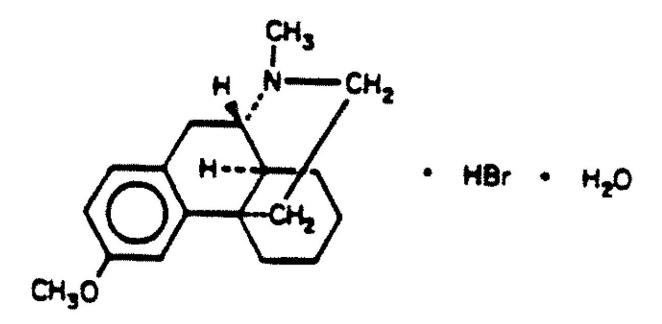
This is an Application Brief and does not contain a detailed Experimental section.

#### **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  $C_8$ ,  $3.9 \times 150$  mm,  $5 \mu m$ 

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

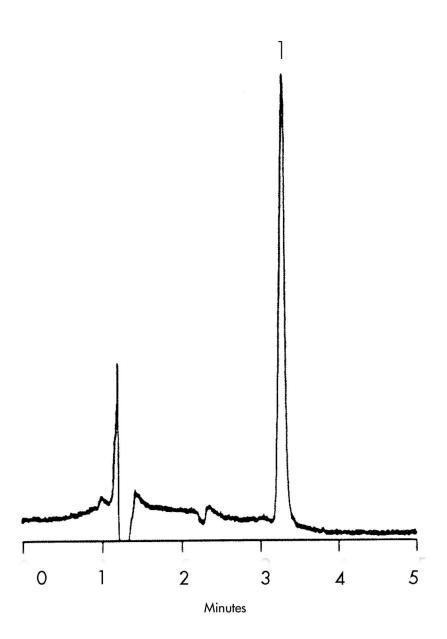
Injection volume:  $20 \mu L \text{ of } 100 \mu g/mL \text{ sample}$ 

Detection: UV @ 254 nm

## **USP Tailing Factors**

1.0.98

#### Results and Discussion



## Featured Products

WA31763.70, June 2003

© 2022 Waters Corporation. All Ri	ghts Reserved.	