

Nota applicativa

## Dextromethorphan in a Cough Syrup

---

Waters Corporation

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

---

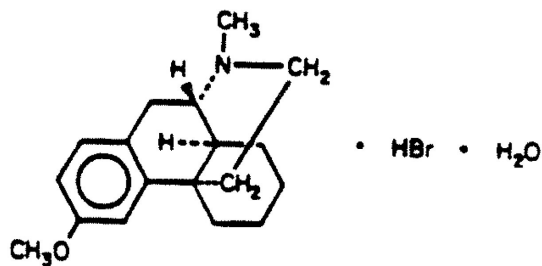
### Abstract

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

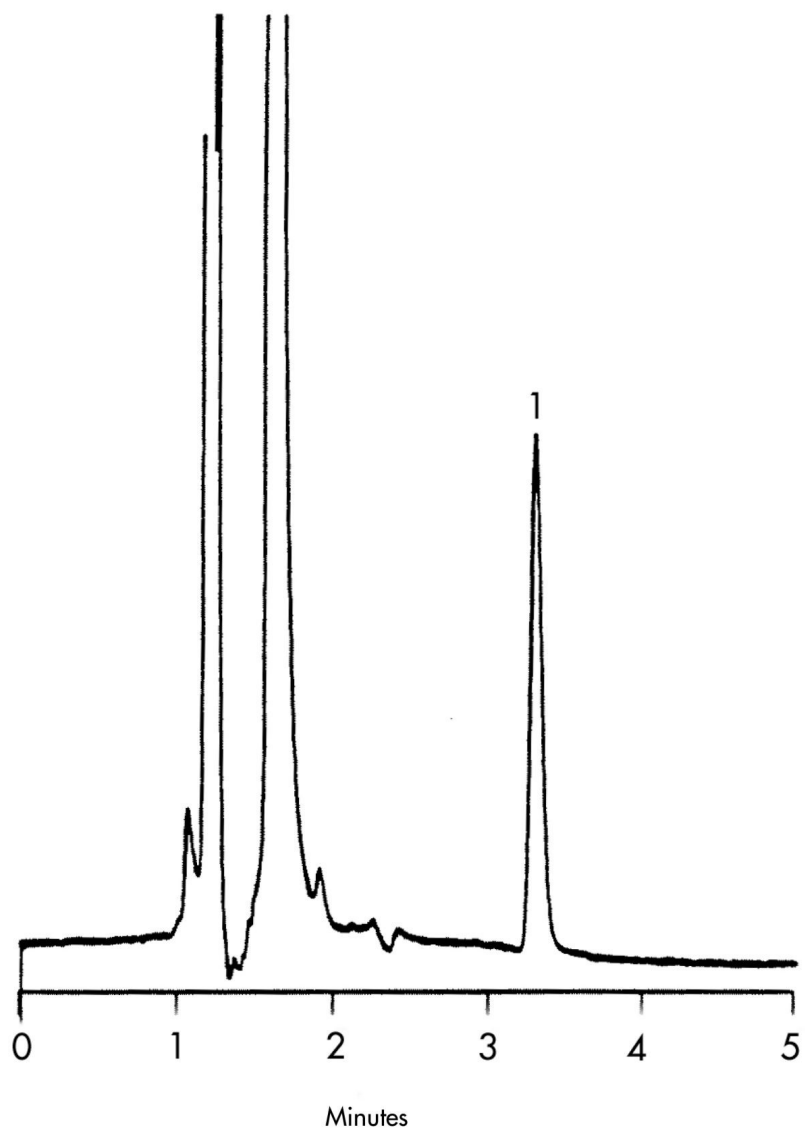
Column:	Symmetry C <sub>8</sub> , 3.9 x 150 mm, 5 μm
Guard column:	Symmetry Guard Column 3.9 x 20 mm, 5 μm
Part numbers:	Column - WAT046970, Guard - WAT054250
Mobile phase:	23 mM ammonium nitrate, pH 3.4/acetonitrile 30:70
Flow rate:	1.0 mL/min
Injection volume:	20 μL of 100 μg/mL sample
Detection:	UV @ 254 nm

### USP Tailing Factors

1. 0.95

---

## Results and Discussion



---

## Featured Products

WA31763.71, June 2003

© 2022 Waters Corporation. All Rights Reserved.