

## Dextromethorphan in a Cough Syrup

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Waters Corporation

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

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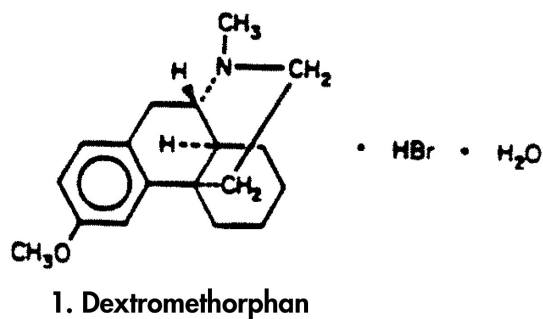
### Abstract

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

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### Introduction

The compound analyzed in this study is dextromethorphan.



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## Experimental

### HPLC Method

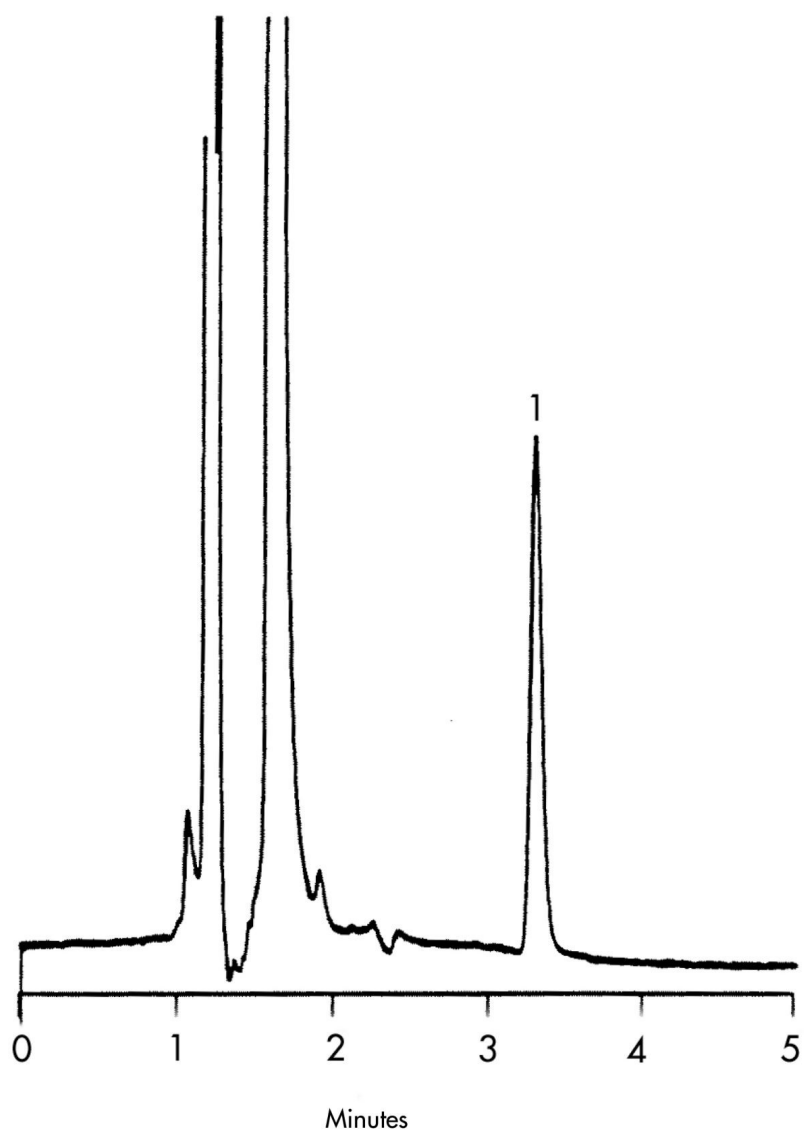
Column:	Symmetry C <sub>8</sub> , 3.9 x 150 mm, 5 µm
Guard column:	Symmetry Guard Column 3.9 x 20 mm, 5 µm
Part numbers:	Column - WAT046970, Guard - WAT054250
Mobile phase:	23 mM ammonium nitrate, pH 3.4/acetonitrile 30:70
Flow rate:	1.0 mL/min
Injection volume:	20 µL of 100 µg/mL sample
Detection:	UV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

### USP Tailing Factors

1. 0.95

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## Results and Discussion



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## Featured Products

WA31763.71, June 2003

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