# Waters™



## Ketoconazole

Waters Corporation

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

#### **Abstract**

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

#### Introduction

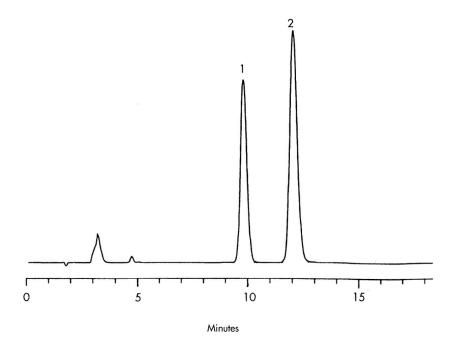
The compounds analyzed in this study are:

- 1. Ketoconazole
- 2. Terconazole

#### **HPLC** Method

Column:	Symmetry Shield RP <sub>18</sub> , 4.6 x 250 mm, 5 $\mu$ m
Part number:	186000112
Mobile phase:	70% diisopropylamine solution/30% ammonium acetate solution
	Diisopropylamine solution: 2 mL diisopropylamine in 1 L methanol
	Ammonium acetate solution: 1 g in 200 mL of water
Flow rate:	1.5 mL/min
Injection volume:	20 μL
Detection:	UV @ 225 nm
USP Tailing Factors	
1. 1.03	
2. 1.06	

### Results and Discussion



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