

응용 자료

## Benomyl and Bisphenol A

---

Waters Corporation



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

---

### Abstract

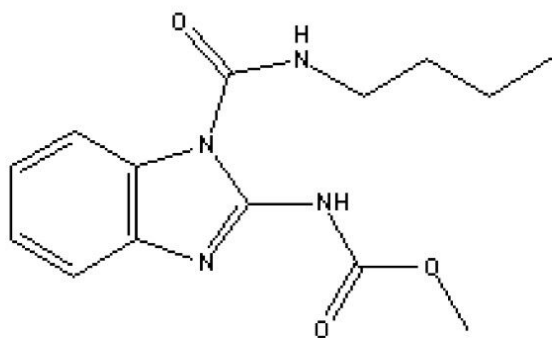
This application brief demonstrates analysis of Benomyl and Bisphenol A.

---

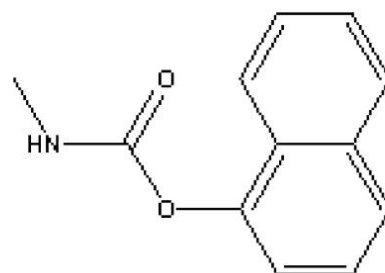
## Introduction

The compounds used in this study are –

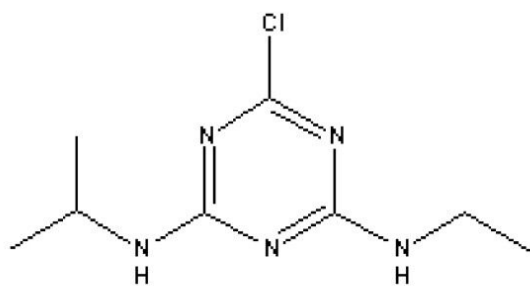
1. Benomyl
2. Carbaryl
3. Atrazine
4. Bisphenol A



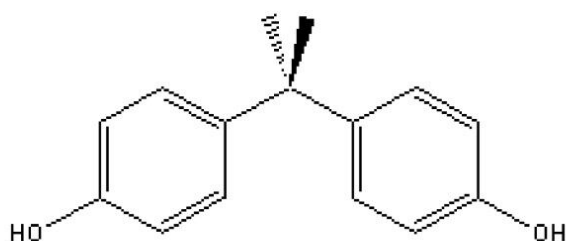
**1. Benomyl**



**2. Carbaryl**



**3. Atrazine**



**4. Bisphenol A**

---

# Experimental

## HPLC Method

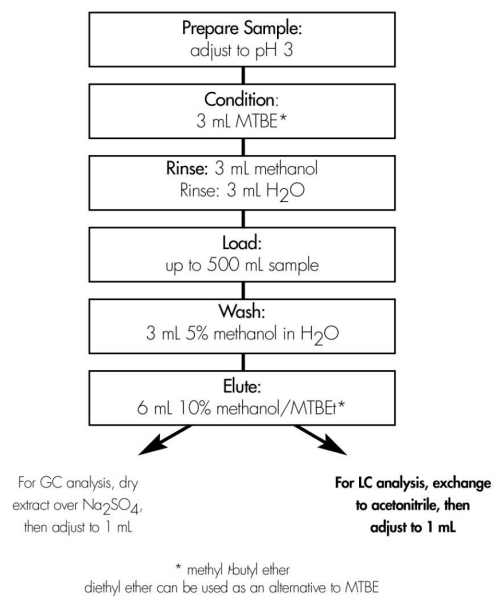
Column:	Symmetry C <sub>18</sub> , 3.9 x 150 mm, 5 µm
Part number:	WAT046980
Mobile phase A:	10 mM phosphate, pH 6.8
Mobile phase B:	Methanol
Flow rate:	1.0 mL/min
Injection volume:	100 µL
Detection:	PDA (283 nm extracted)

## Gradient

Time (min)	Profile	
	%A	%B
0	60	40
20	0	100

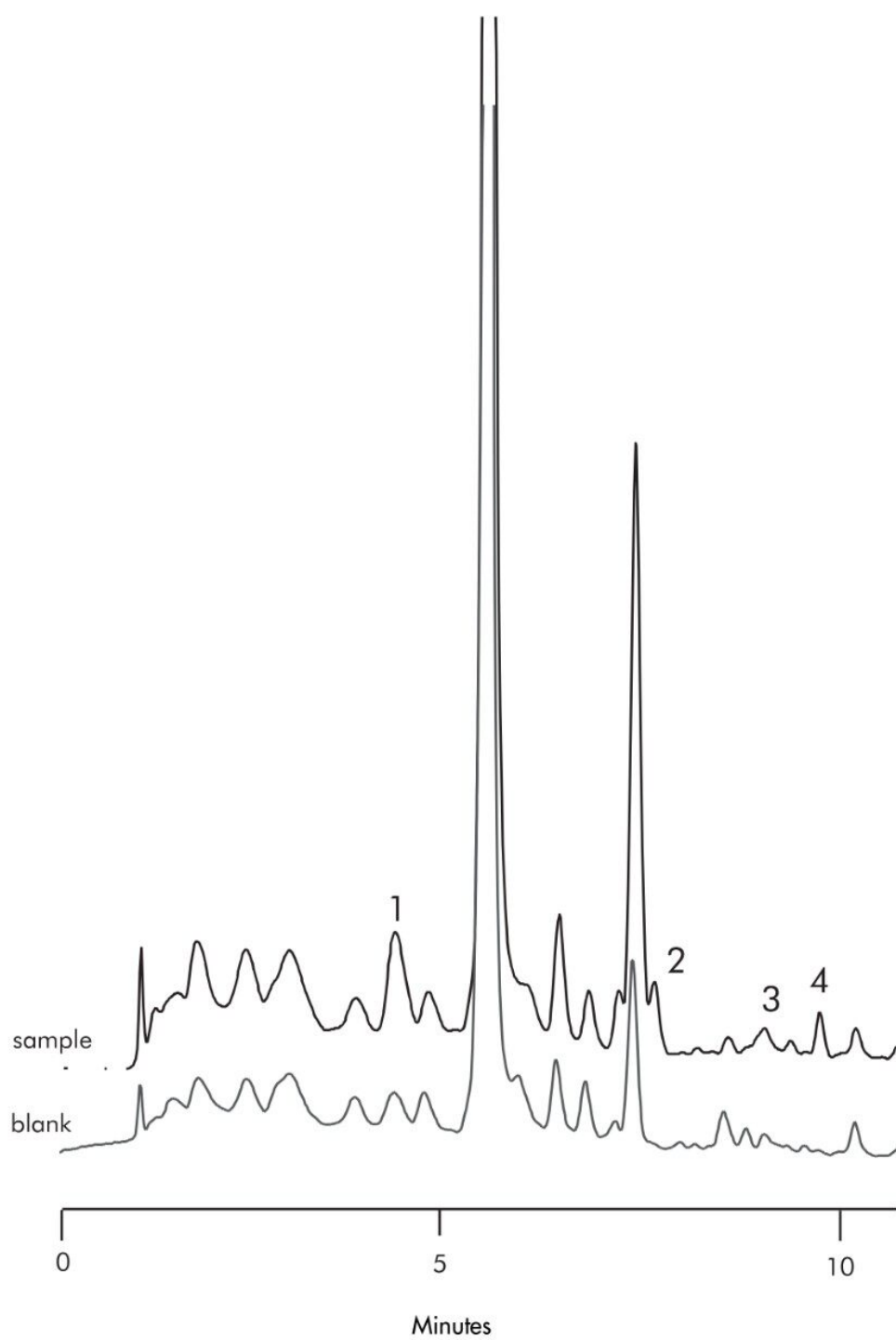
## Oasis® SPE Method for Endocrine Disruptors

Conditions for Oasis® HLB Cartridge, 6 cc, 200 mg  
Part Number WAT106202



---

## Results and Discussion



Compounds	% Recovery $\pm$ % RSD
1. Benomyl	65 $\pm$ 10
2. Carbaryl	N/A
3. Atrazine	N/A
4. Bisphenol A	83 $\pm$ 2

---

## Featured Products

WA31763.36, June 2003