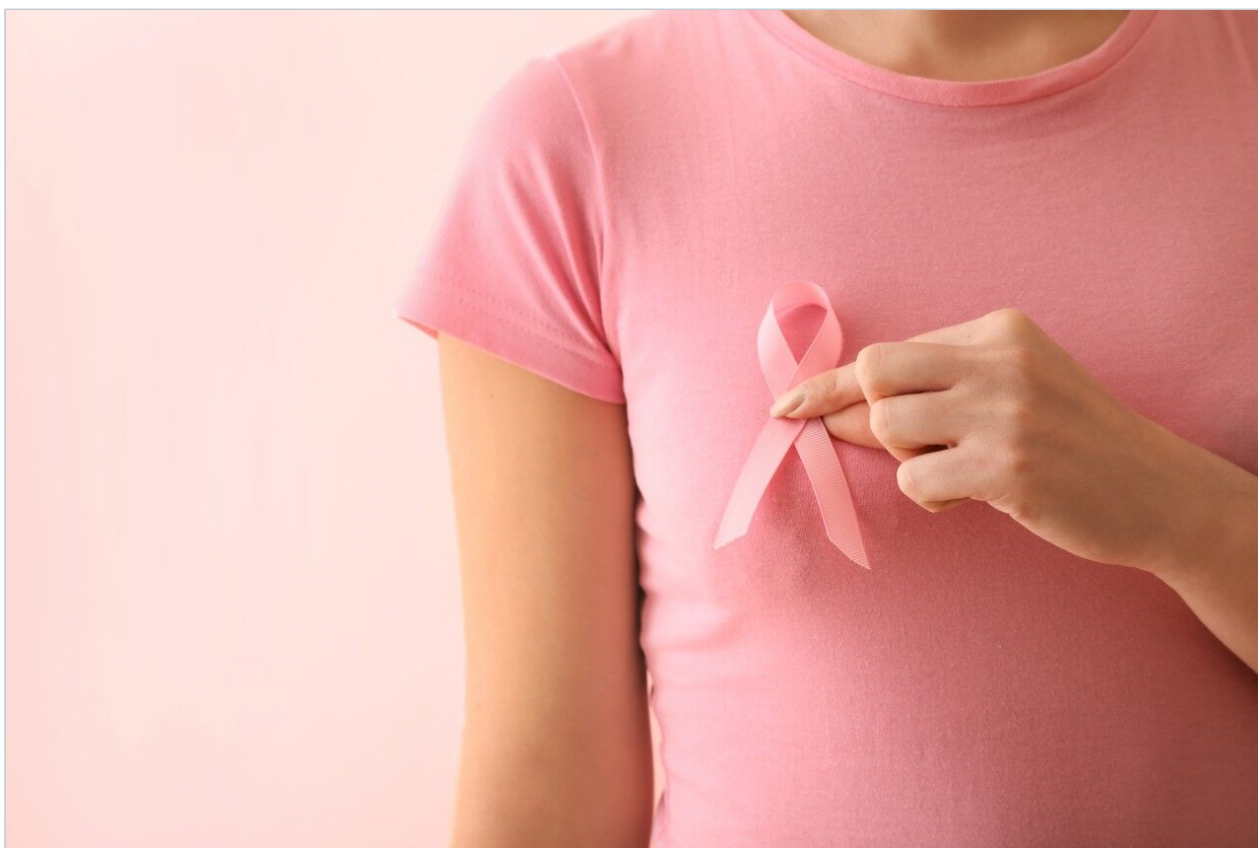


Application Note

## Paclitaxel (Taxol) – Resolution of Impurities

---

Waters Corporation



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

---

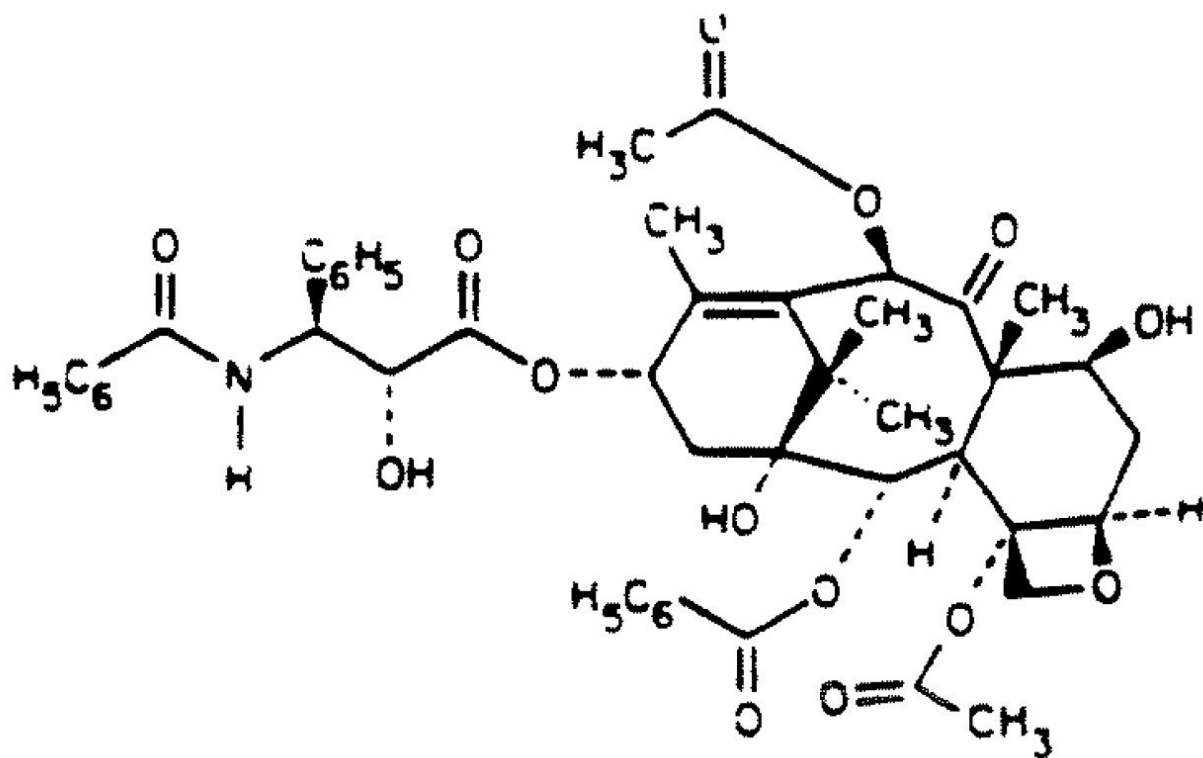
### Abstract

This application brief highlights the analysis of paclitaxel impurities.

---

## Introduction

Paclitaxel (taxol) has been studied in this application brief.



## 1. Paclitaxel (Taxol)

---

## Experimental

### HPLC Method

Column:

Symmetry C<sub>18</sub>, 4.6 x 100 mm, 3.5 μm (p/n:

WAT066220)

Mobile phase:

Water/acetonitrile/methanol 57:34:9

Flow rate:

1.4 mL/min

Injection volume:

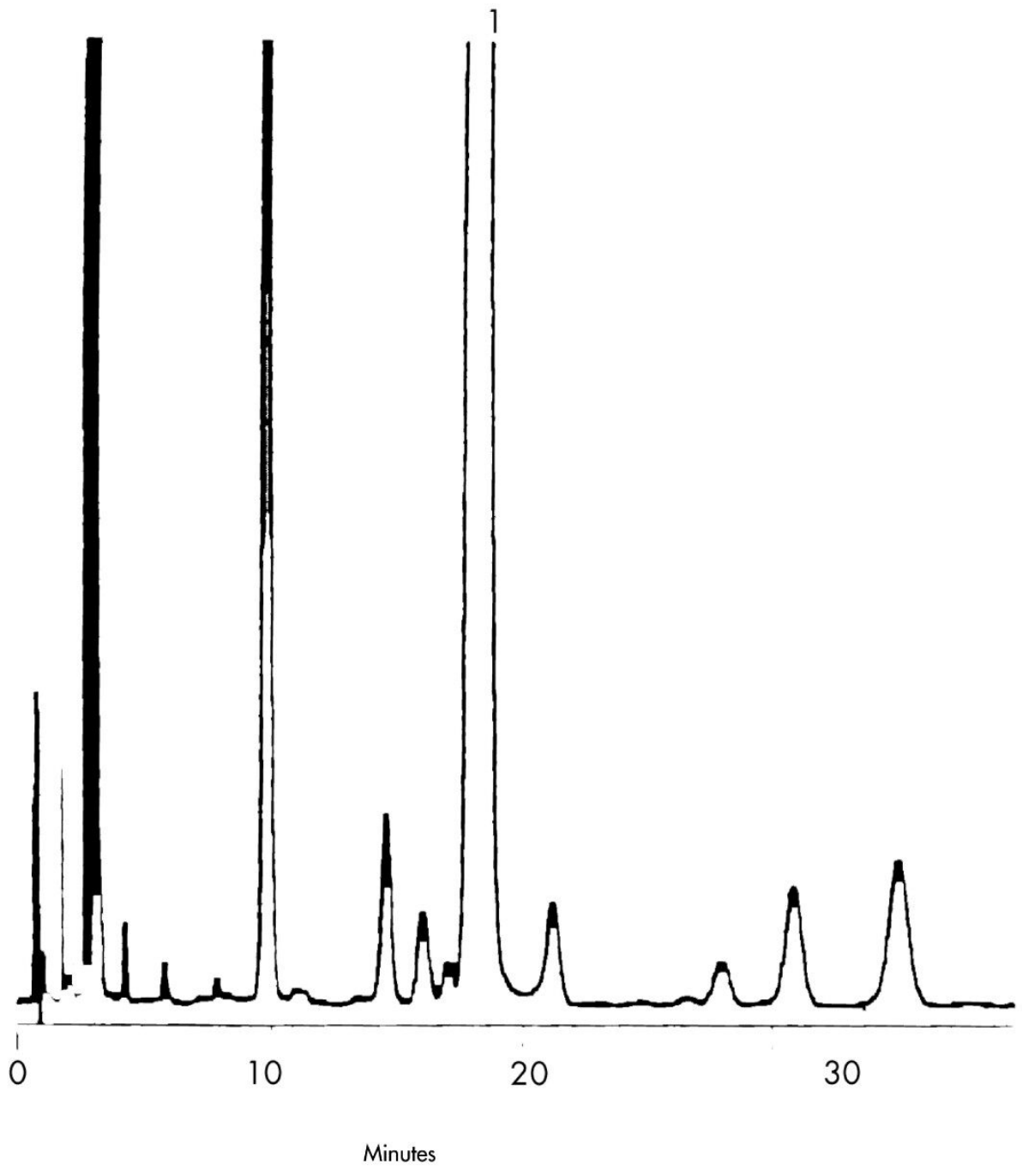
25  $\mu$ L of paclitaxel, 1 mg/mL in methanol

Detection:

UV @ 230 nm

---

## Results and Discussion



---

Featured Products

WA31763.117, June 2003

© 2021 Waters Corporation. All Rights Reserved.