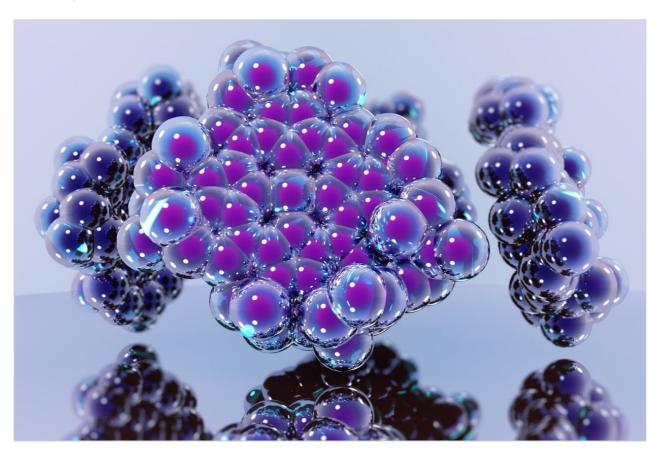
# Waters™

Note d'application

## Cytochrome C Tryptic Digest – pH 2.5, XTerra RP<sub>18</sub>

Waters Corporation



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

## **Abstract**

This application brief highlights the analysis of cytochrome C using XTerra  $RP_{18}$  columns.

## Introduction

Cytochrome C tryptic digest has been studied in this application brief.

## Experimental

#### **HPLC Conditions**

Column: XTerra RP<sub>18</sub>  $4.6 \times 50$  mm,  $3.5 \mu m$  (p/n:

186000434)

Mobile phase A:  $H_2O$ 

Mobile phase B: ACN

Mobile phase C: 100 mM HCOOH, pH 2.5

Flow rate: 0.75 mL/min, 0.2 mL/min to MS

Injection volume: 50  $\mu$ L (25  $\mu$ g)

Temperature: Ambient

Detection: MS ESI+

Instrument: Alliance 2790, Micromass Quattro Ultima

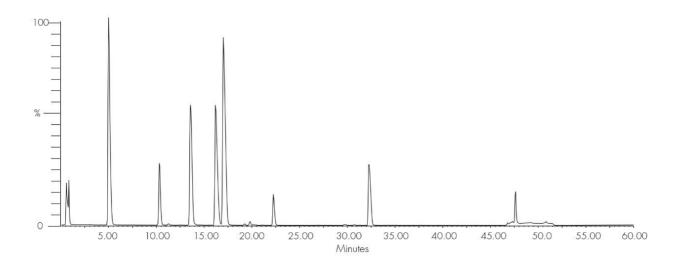
## Gradient

Time	Profile		
(min)	%A	%B	%C
0.0	90	0	10
45.0	50	40	10
45.0	10	80	10
50.0	10	80	10

## MS Conditions

MS sytem:	Micromass ZQ
Ion source:	ESI+
Capillary:	3.5 kV
Cone:	30 V
Extractor:	3.0
Source temp.:	150 °C
Desolvation temp.:	400 °C
Cone gas flow:	60 L/hr
Desolvation gas flow:	550 L/hr

## Results and Discussion



## Featured Products

Alliance HPLC <a href="https://www.waters.com/514248">https://www.waters.com/514248</a>

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