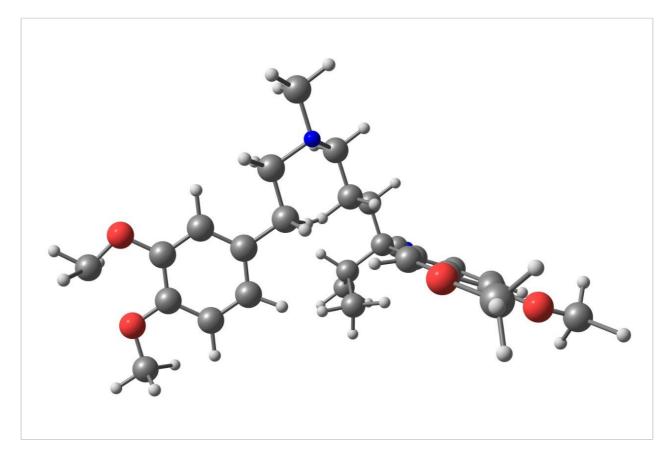


Note d'application

# Verapamil - pH 7.0, LC-MS

Waters Corporation



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

### Abstract

This application brief highlights the analysis of verapamil by LC-MS using XTerra MS C  $_{\rm 18}$  columns.

# Introduction

Verapamil has been studied in this application brief.

N Verapamil

# Experimental

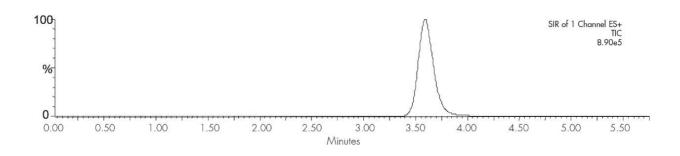
#### **HPLC** Conditions

Column:	XTerra MS C <sub>18</sub> 2.1 x 30 mm, 3.5 μm (p/n: 186000398)
Mobile phase A:	20 mM $NH_4HCO_3$ in $H_2O$ , pH 7.0
Mobile phase B:	ACN
Flow rate:	0.2 mL/min to MS
Isocratic mobile phase composition:	57% A; 43% B
Injection volume:	20 µL of 100 pg/µL
Temperature:	Ambient
Detection:	MS ESI+, SIR 455.45
Instrument:	Alliance 2795 HT, Micromass ZQ

#### **MS** Conditions

MS system:	Micromass ZQ
Source:	ESI+
Capillary (KV):	3.0
Cone (V):	35
Extractor:	3.0
RF Lens:	0.5
Source temp.:	150
Desolvation temp.:	350
Cone gas flow (L/Hr):	60
Desolvation gas flow (L/Hr):	500
LM resolution:	15
HM resolution:	15
lon energy:	1.0
Multiplier (V):	650

# Results and Discussion



## Featured Products

Alliance HPLC <https://www.waters.com/514248>

WA20738.116, June 2002

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