# Waters™

Nota de aplicación

## Acyclovir in Plasma

Waters Corporation



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

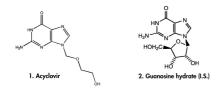
#### Abstract

This application brief highlights the analysis of Acyclovir in plasma using SymmetryShield columns.

#### Introduction

Compounds used in this study are	Compo	ounds	used	in	this	studv	are
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- 1. Acyclovir
- 2. Guanosine hydrate



### Experimental

#### **HPLC** Method

Column:	SymmetryShield RP8, 3.9 x 20 mm, 5 $\mu$ m (p/n:
	WAT200655)

Guard column: Sentry guard column 3.9 x 20 mm, 5 
$$\mu$$
m (p/n: WAT200675)

Mobile phase: 20 mM ammonium acetate, pH 5

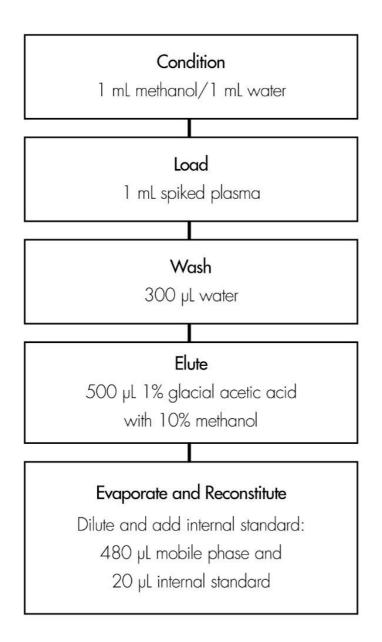
Flow rate: 1.0 mL/min

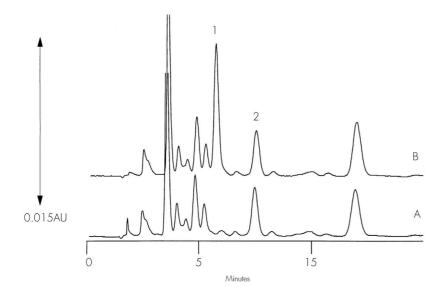
Injection volume: 50  $\mu$ L

Detection: UV @ 250 nm

## Oasis® HLB Extraction Method

Oasis® HLB 1 cc/30 mg Extraction Cartridge Part Number WAT094225





Compound	Concentration µg/mL	% Recovery	%RSD (n=6)
Acyclovir	1.0	95.1%	3.4%
	0.20	98.3%	5.0%

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