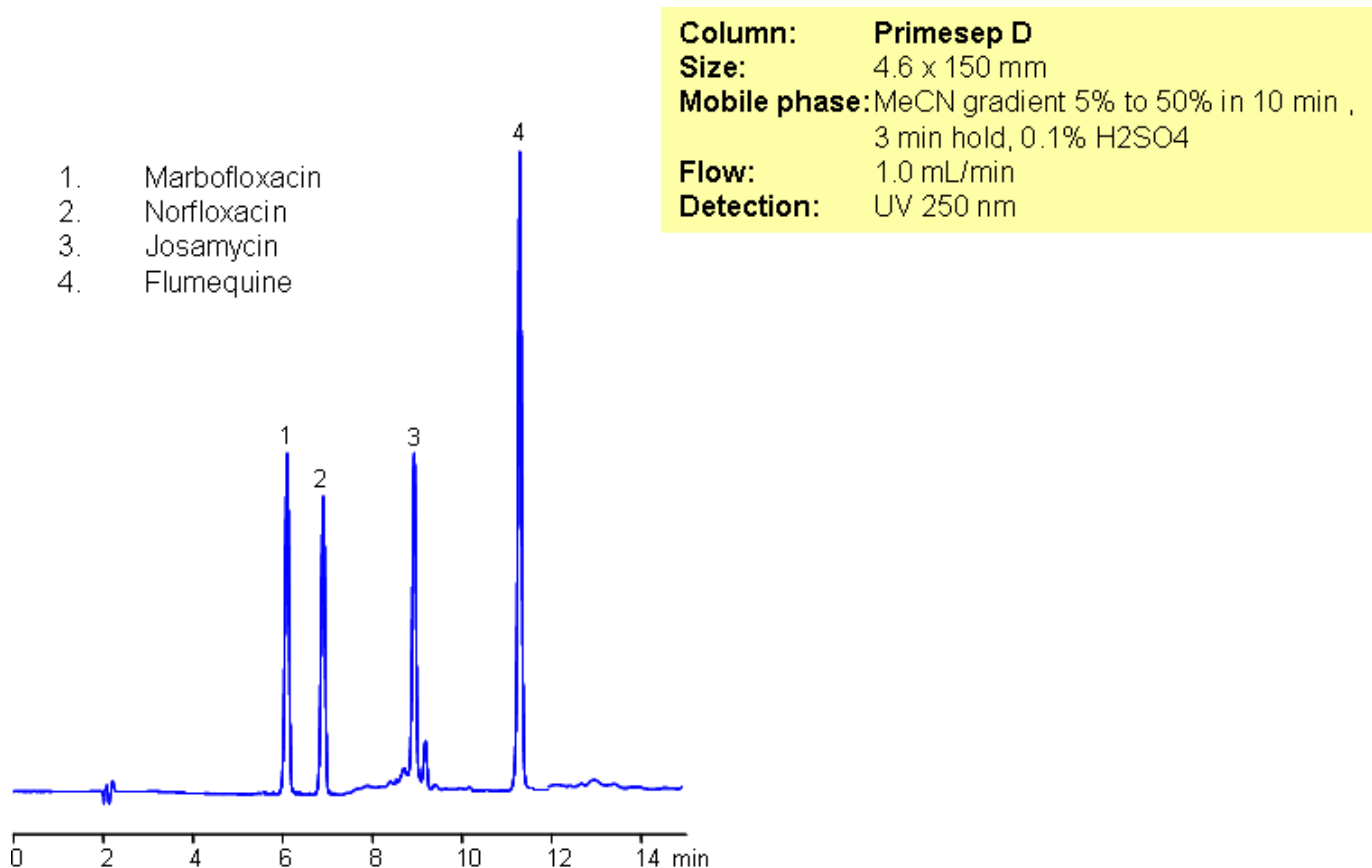


HPLC Separation of Antibiotics of Group in Mixed-Mode Chromatography

https://sielc.com/HPLC_Separation_of_Antibiotics_of_Group_in_Mixed-Mode_Chromatography

Chromatogram



Description

· Separation type: Liquid Chromatography Mixed-mode

Primesep D was used to separate the antibiotics marbofloxacin, norfloxacin, josamycin, and flumequine. Primesep D is a reverse-phase column with embedded basic ion-pairing groups designed for analysis of plasma. This method is compatible with LC/MS and prep chromatography.

Method Parameters

Mobile Phase	Gradient MeCN – 5-50%, 10 min, 3 min hold
Buffer	H2SO4 – 0.1%
Flow Rate	1.0 ml/min
Detection	UV, 250 nm
Class of Compounds	Antibiotic, Drug, Hydrophobic, Ionizable
Analyzing Compounds	Josamycin, Norfloxacin, Marbofloxacin, Flumequine

HPLC Column Used

Primesep D, 4.6x150 mm, 5 µm, 100A

[Order this column at hplc-shop.de](http://hplc-shop.de) →