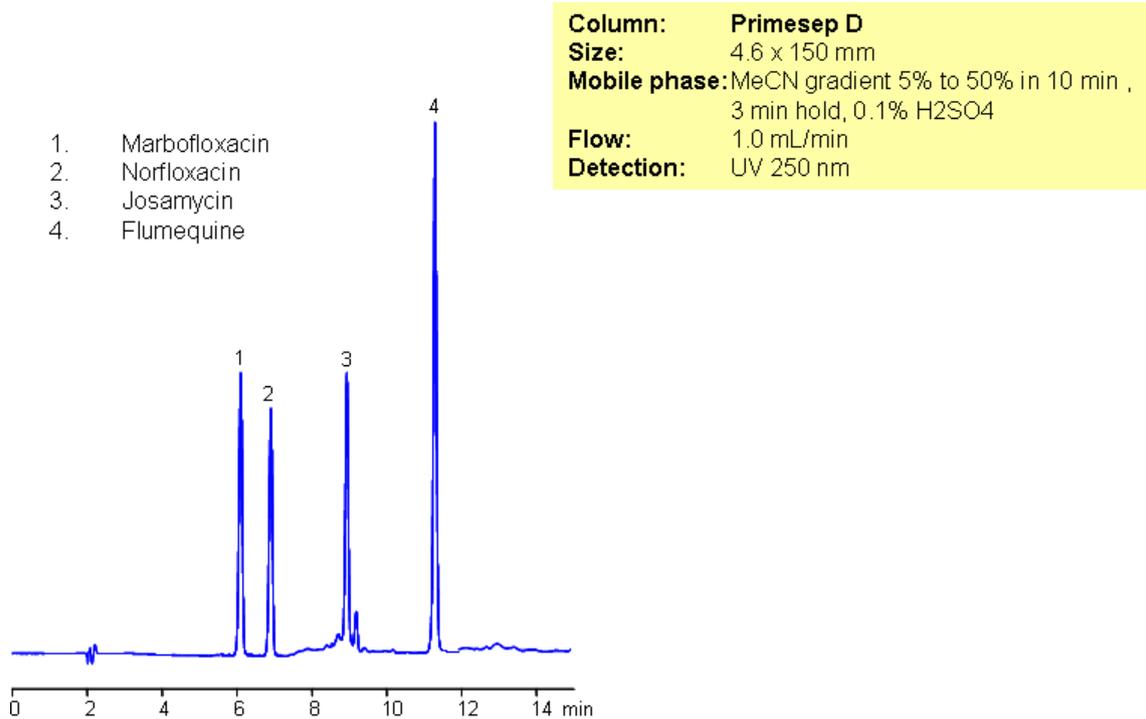


HPLC Separation of Antibiotics of Group in Mixed-Mode Chromatography



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

Column	Primesep D, 4.6x150 mm, 5 µm, 100 Å
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

Quelle: https://sielc.com/HPLC_Separation_of_Antibiotics_of_Group_in_Mixed-Mode_Chromatography