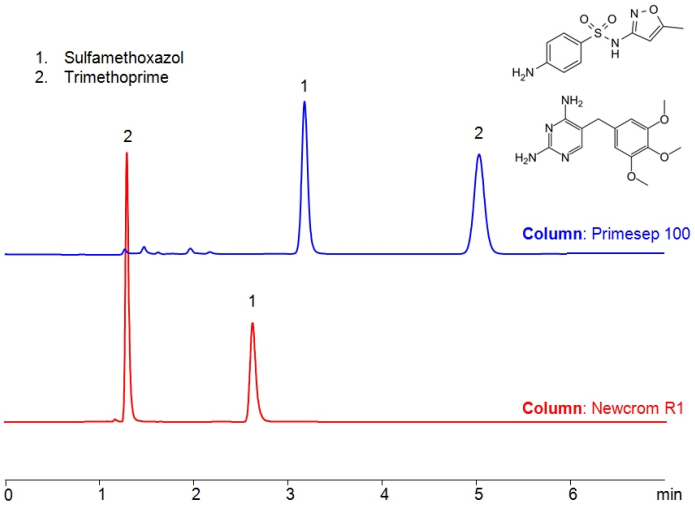
HPLC Method For Analysis Of Sulfamethoxazole and Trimethoprim on Primesep 100 Column



Column size:	4.6 × 150 mm, 5 µm
Column part number:	100-46.150.0510
Mobile phase:	MeCN/H_2O – 40/60%
Buffer:	H_2SO_4 – 0.4%
Flow rate:	1.0 mL/min
Detection:	UV 200 nm

Separation type: Liquid Chromatography Mixed-mode

High Performance Liquid Chromatography (HPLC) Method for Analysis of Sulfamethoxazole and Trimethoprim

The Newcrom columns are a family of reverse-phase-based columns. Newcrom A , AH , B , and BH are all mixed-mode columns with either positive or negative ion-pairing groups attached to either short (25 Å) or long (100 Å) ligand chains. Newcrom R1 is a special reverse-phase column with low silanol activity.

Method Parameters

Column	Primesep 100, Newcrom R1 4.6×150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O – 40/60%
Buffer	H2SO4 – 0.4%
Flow Rate	1.0 mL/min
Detection	UV, 200 nm,

Quelle: https://sielc.com/hplc-method-for-analysis-of-sulfamethoxazole-and-trimethoprim

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