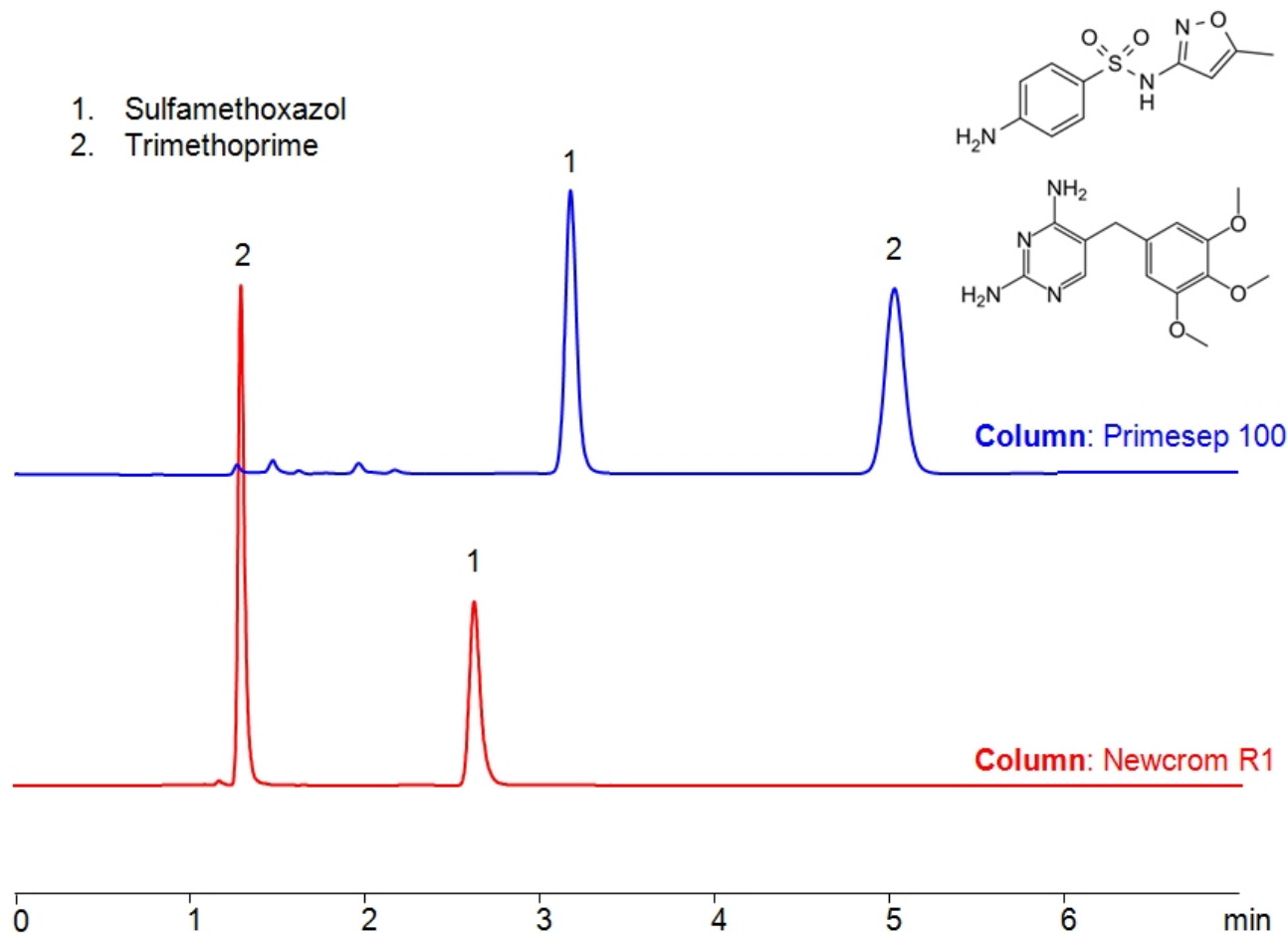


HPLC Method For Analysis Of Sulfamethoxazole and Trimethoprim on Primesep 100 Column

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

Chromatogram



Column size:	4.6 × 150 mm, 5 µm
Column part number:	100-46.150.0510
Mobile phase:	MeCN/H ₂ O – 40/60%
Buffer:	H ₂ SO ₄ – 0.4%
Flow rate:	1.0 mL/min
Detection:	UV 200 nm

Description

· Separation type: Liquid Chromatography Mixed-mode

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

Method Parameters

Mobile Phase

MeCN/H₂O – 40/60%

Buffer	H2SO4 – 0.4%
Flow Rate	1.0 ml/min
Detection	UV, 200 nm,
Class of Compounds	Drug
Analyzing Compounds	Sulfamethoxazole, Trimethoprim

HPLC Column Used

Primesep 100, Newcrom R1 4.6×150 mm, 5 µm, 100A