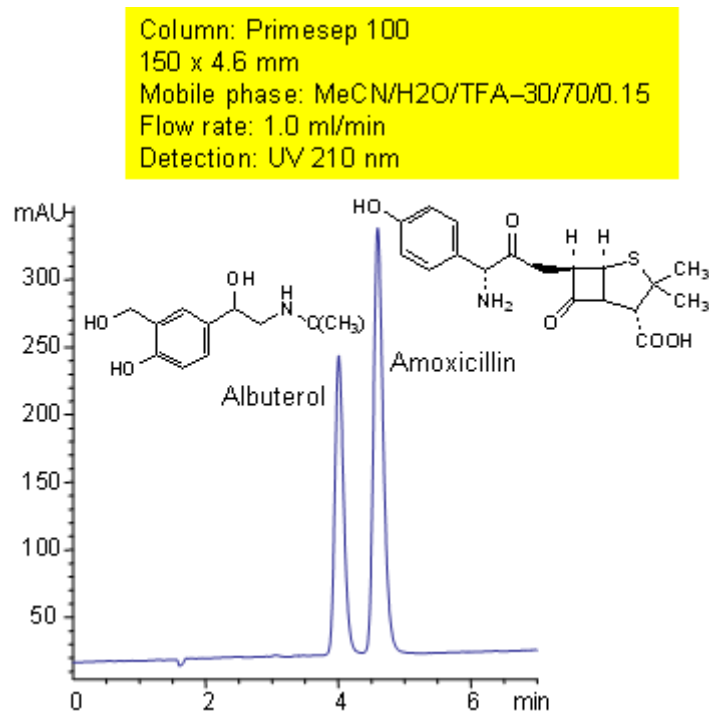


HPLC Separation of Albuterol and Amoxicillin

<https://sielc.com/Application-Separation-of-Albuterol-and-Amoxicillin>

Chromatogram



Description

Primesep 100 separates albuterol and amoxicillin with baseline resolution by a combination of cation-exchange, hydrophobic, and polar interactions. The mass spec (LC/MS) compatible separation uses a mobile phase mixture of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with UV detection at 210 nm.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 30/70%
Buffer	TFA – 0.15%
Flow Rate	1.0 ml/min
Detection	UV, 210 nm
Class of Compounds	Drug, Antibiotics, Hydrophobic, Ionizable
Analyzing Compounds	Albuterol, Amoxicillin

HPLC Column Used

Primesep 100, 4.6x150 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](#)