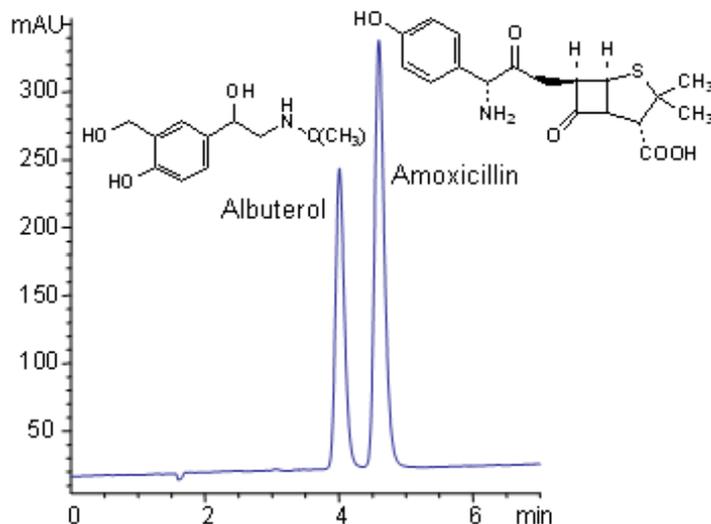


HPLC Separation of Albuterol and Amoxicillin

Column: Primesep 100
150 x 4.6 mm
Mobile phase: MeCN/H₂O/TFA-30/70/0.15
Flow rate: 1.0 ml/min
Detection: UV 210 nm



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

Column	Primesep 100, 4.6x150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H ₂ O – 30/70%
Buffer	TFA – 0.15%
Flow Rate	1.0 mL/min
Detection	UV, 210 nm

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