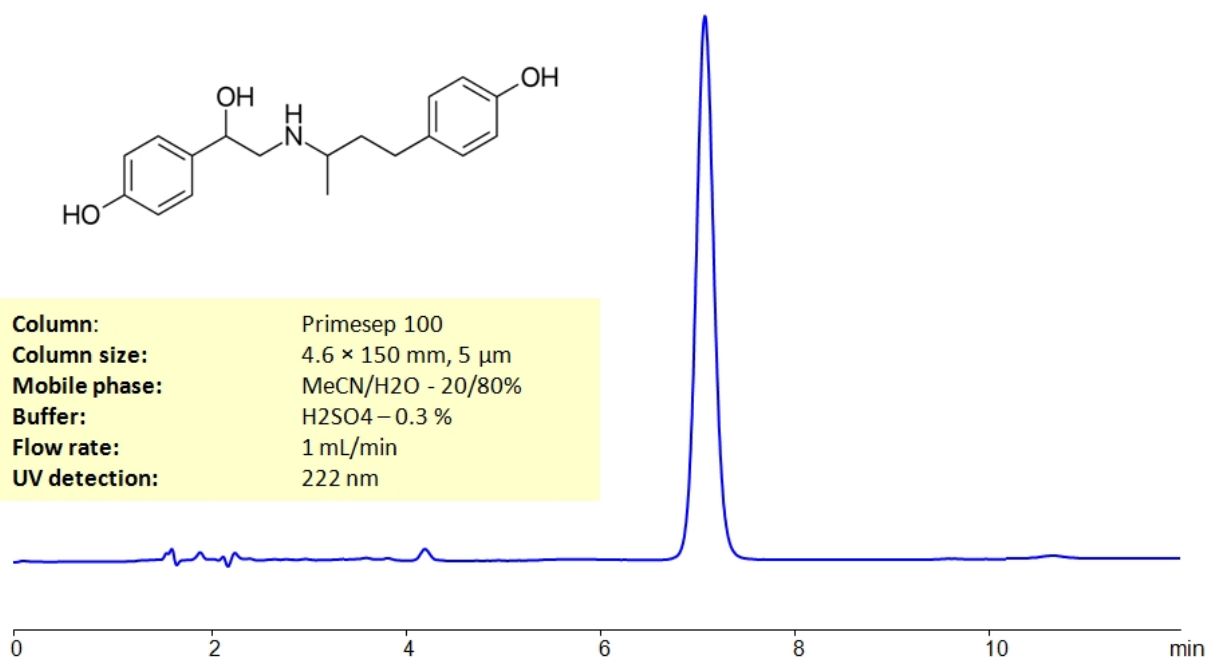


HPLC Determination of Ractopamine on Primesep 100 Column

<https://sielc.com/hplc-determination-of-ractopamine>

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Ractopamine hydrochloride .

Ractopamine is a livestock feed additive designed to promote muscle synthesis and leanness. It is banned in many countries, excluding the US, Canada and Mexico. It can be retained on a Primesep 100 Column in about 7 minutes. Primesep 100 is a reverse-phase (RP) mixed-mode column with embedded acidic ion-pairing groups.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 20/80%
Buffer	H ₂ SO ₄ – 0.3 %
Flow Rate	1.0 ml/min
Detection	UV, 222 nm
Class of Compounds	Drug, Basic, Hydrophobic, Ionizable, Amine
Analyzing Compounds	Ractopamine hydrochloride

HPLC Column Used

Primesep 100

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