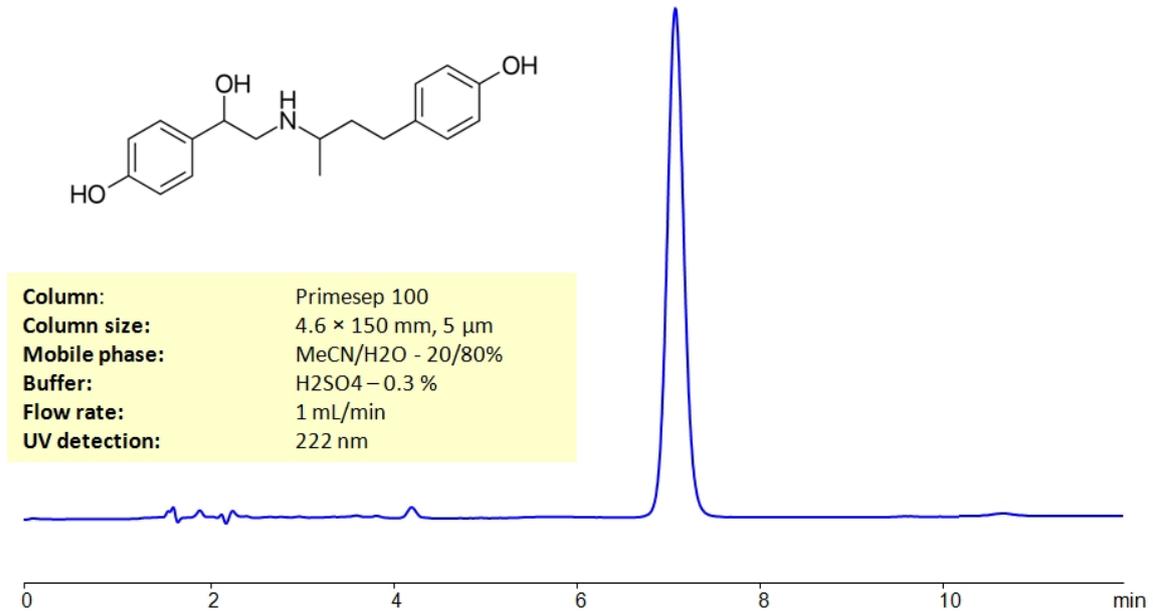


## HPLC Determination of Ractopamine on Primesep 100 Column



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

<b>Column</b>	Primesep 100
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O - 20/80%
<b>Buffer</b>	H <sub>2</sub> SO <sub>4</sub> - 0.3%
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV, 222 nm

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