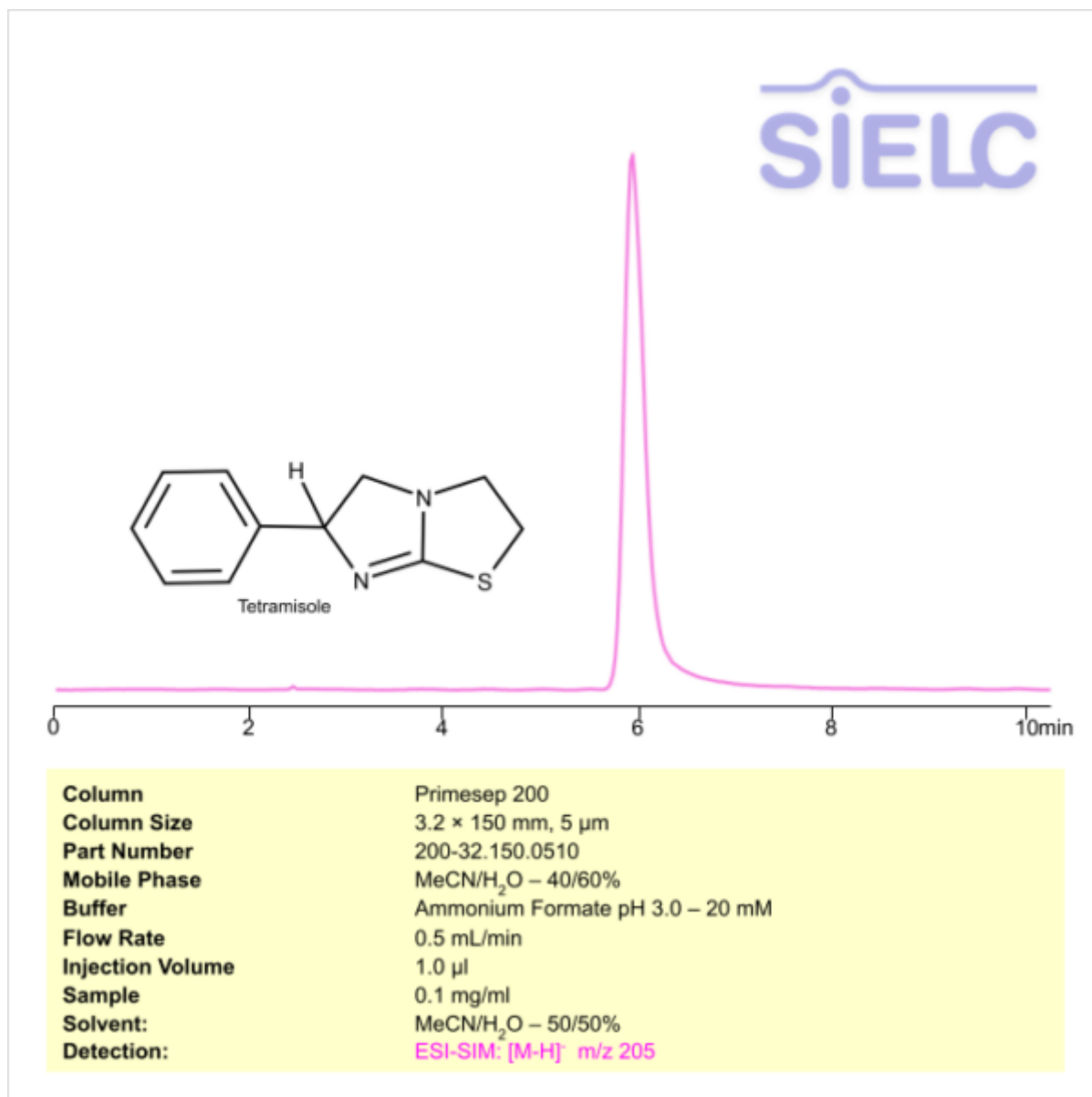


HPLC MS Method for Analysis of Tetramisole on Primesep 200 Column

<https://sielc.com/hplc-analysis-of-tetramisole>

Chromatogram



Description

· HPLC Method for Analysis of (+-)-Tetramisole in on Primesep 200 Column

Tetramisole is a medication with the chemical formula C₁₁H₁₂N₂S. It is primarily used to treat and get rid of parasitic worms in animals. It works through inhibiting alkaline phosphatases, which freezes muscles of the worm. You can find detailed UV spectra of (+-)-Tetramisole and information about its various lambda maxima by visiting the following link.

(+)-Tetramisole can be retained and analyzed using the Primesep 200 stationary phase column. The analysis utilizes an isocratic method with a mobile phase consisting of acetonitrile, water, and ammonium formate. Detection is performed using MS.

Method Parameters

Mobile Phase

MeCN/H₂O -40/60%

Buffer	AmFm pH 3.0 – 20 mM
Flow Rate	0.5 ml/min
Detection	ESI-SIM: [M-H] ⁺ -m/z 205
Class of Compounds	Drugs
Analyzing Compounds	(+)-Tetramisole

HPLC Column Used

Primesep 200, 3.2 x 150 mm, 5 µm, 100 Å, dual ended

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)