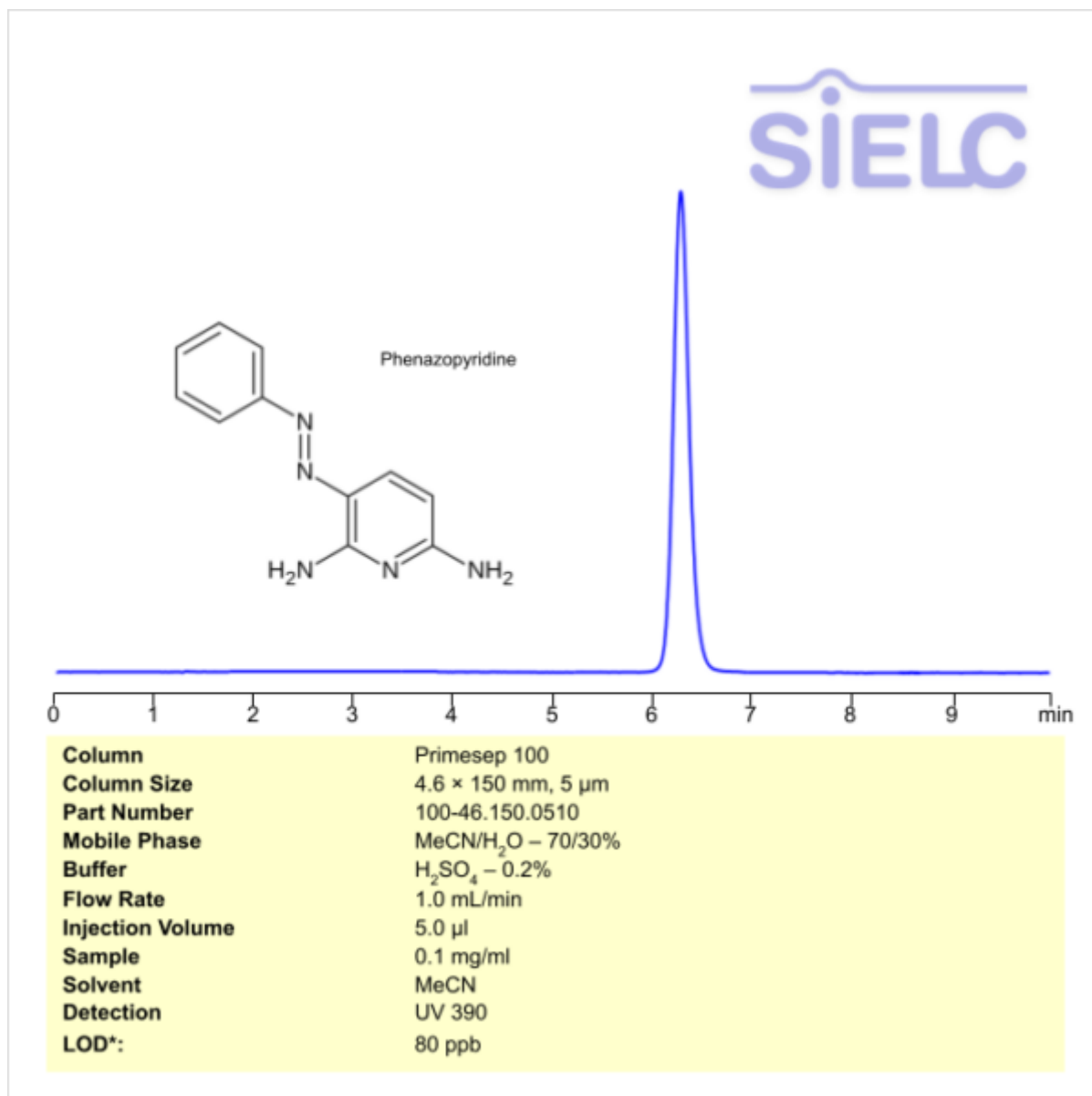


HPLC Method for Analysis of Phenazopyridine in Pharmaceutical Formulation on Primesep 100 Column

<https://sielc.com/hplc-method-for-analysis-of-phenazopyridine>

Chromatogram



Description

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

Phenazopyridine is an drug with the chemical formula C₁₁ H₁₁ N₅ . It is has a local analgesic effect on the urinary tract, therefore it is often used to help with pain, irritation, and urgency caused by urinary tract infections, injury, or surgery. It is not yet known exactly how the drug works.

Phenazopyridine can be retained and analyzed using the Primesep 100 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN). Detection is performed using UV.

Method Parameters

Mobile Phase

MeCN/H₂O – 70/30

Buffer	H2SO4 – 0.1%
Flow Rate	1.0 ml/min
Detection	UV 390nm
Limit Of Detection*	80 ppb
Class of Compounds	Drug
Analyzing Compounds	Phenazopyridine

HPLC Column Used

Primesep 100, 4.6 x 150 mm, 5 µm, 100 Å, dual ended

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