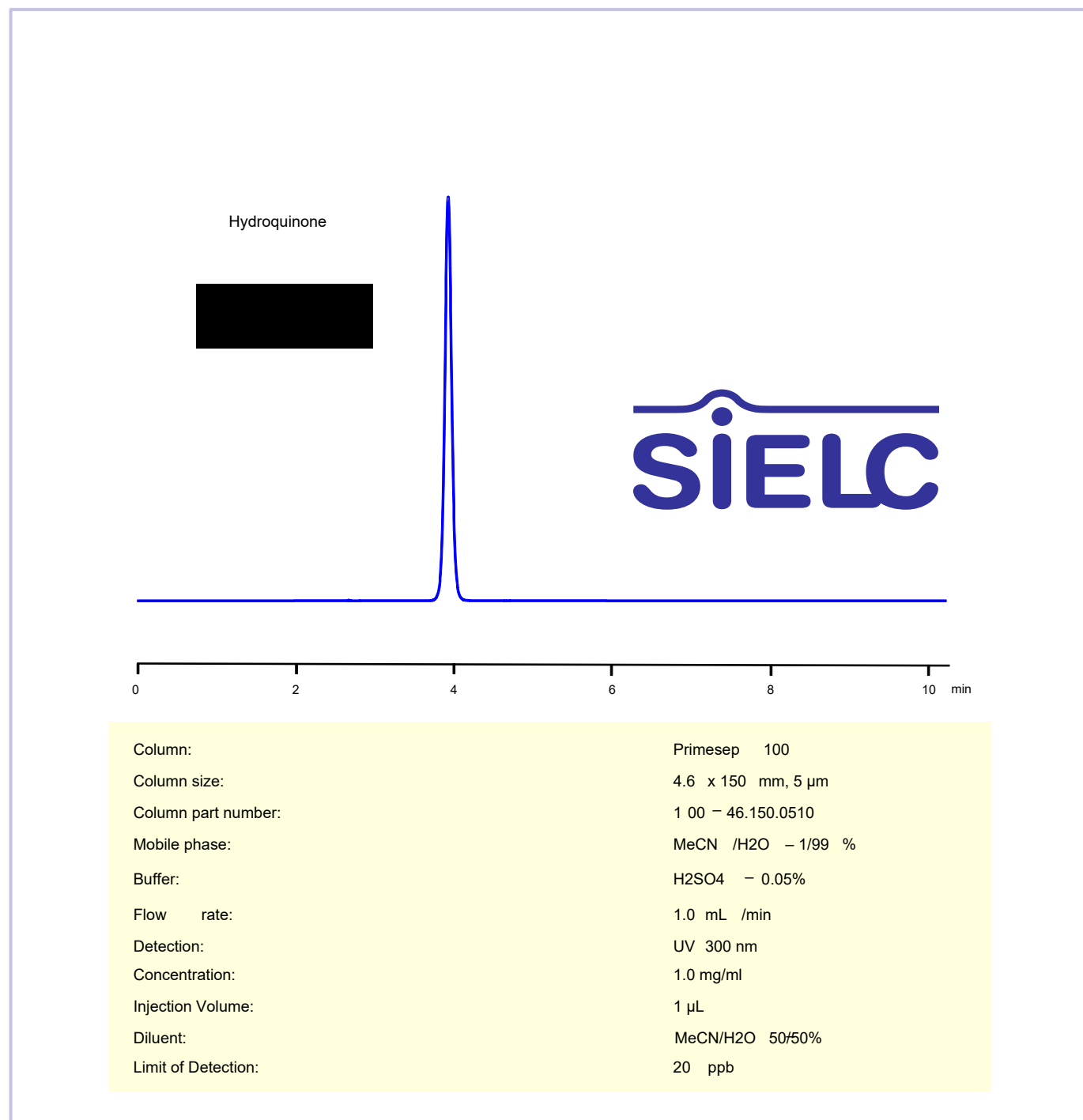


HPLC Method for Analysis of Hydroquinone on Primesep 100 Column

<https://sielc.com/hplc-method-hydroquinone>

Chromatogram



Description

· Separation type: Liquid Chromatography Mixed-mode SIELC Technologies · HPLC Method for Analysis of Hydroquinone on Primesep 100 Column

Hydroquinone can be retained, separated and analyzed using a Primesep 100 mixed-mode stationary phase column. The analysis employs an isocratic method with a simple mobile phase comprising water, acetonitrile (MeCN), and sulfuric acid as a buffer. This method allows for detection using UV 200 nm.

You can find detailed UV spectra of Hydroquinone and information about its various lambda maxima by visiting the following link .

Method Parameters

Mobile Phase	MeCN – 1%
Buffer	H2SO4 -0.05%
Flow Rate	1.0 ml/min
Detection	UV 300 nm
Samples	1.0 mg/ml in MeCN/H2O – 50/50%
Injection volume	1 µl
LOD*	20 ppb (300 nm)
Class of Compounds	Synthetic corticosteroid
Analyzing Compounds	Hydroquinone

HPLC Column Used

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

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