HPLC Method for Analysis of Hydroquinone on Primesep 100 Column

Separation type: Liquid Chromatography Mixed-mode SIELC Technologies

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

Column	Primesep 100, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN – 1%
Buffer	H2SO4 -0.05%
Flow Rate	1.0 mL/min
Detection	UV 300 nm
Injection Volume	1 µl

Quelle: https://sielc.com/hplc-method-hydroquinone