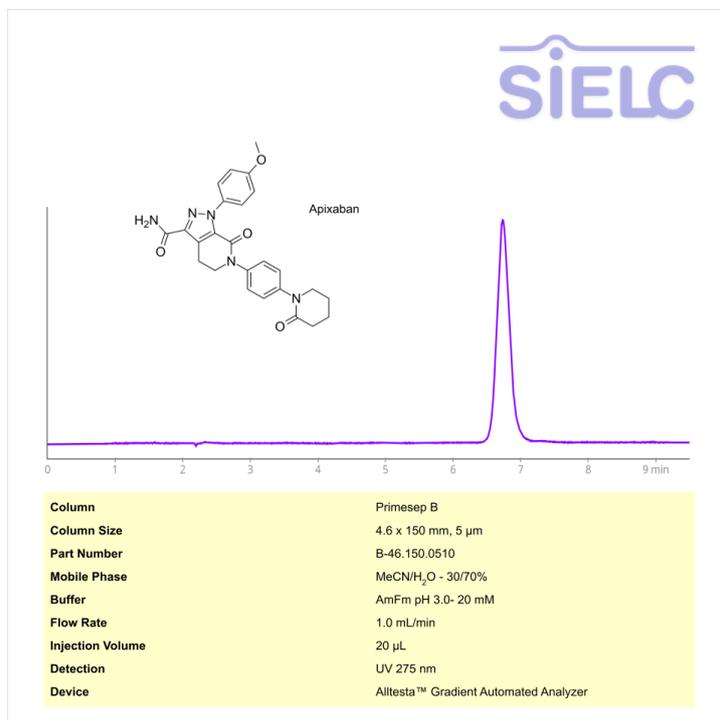


Analysis of Eliquis (Apixaban) on Primesep B Column on Alltesta™



High Performance Liquid Chromatography (HPLC) Method for Analysis of Apixaban

Apixaban is an anticoagulant medication with the chemical formula C₂₅H₂₅N₅O₄. It is used primarily to treat and prevent blood clots and stroke. It works through directly inhibiting factor Xa. In patients who have undergone knee or hip replacement surgery, apixaban helps prevent deep vein thrombosis.

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

Method Parameters

Column	Primesep B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN – 30%
Buffer	Ammonium Formate
Flow Rate	1.0 mL/min
Detection	UV 275 nm

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