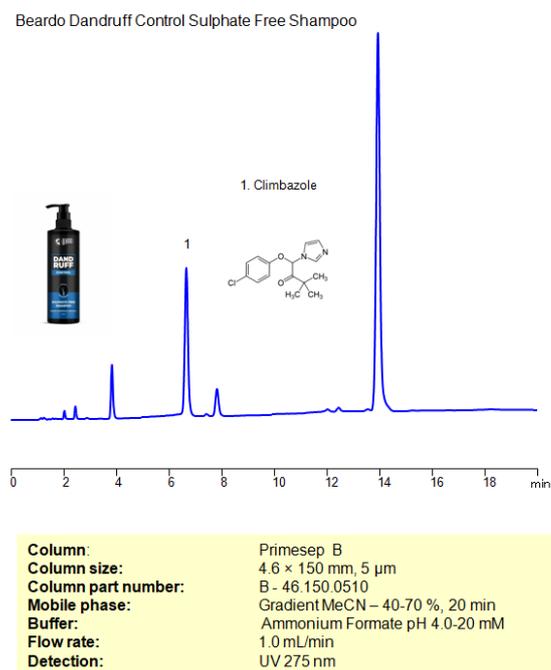


## HPLC Method for Determination of Climbazole in Dandruff Shampoo on Primesep B Column



Climbazole is an antifungal agent commonly used in hair care products, primarily in shampoos, to treat dandruff and seborrheic dermatitis. It works by inhibiting the growth of the fungi that contribute to these conditions. Here are some key points about climbazole:

Climbazole can be retained, and analyzed on a Primesep B mixed-mode stationary phase column using an isocratic analytical method with a simple mobile phase of water, Acetonitrile (MeCN), and a ammonium format a buffer. This analysis method can be detected in the UV 270 nm.

### Method Parameters

<b>Column</b>	Primesep B, 4.6 x 150 mm, 5 µm, 100 Å, dual ended
<b>Mobile Phase</b>	Gradient MeCN – 40-70%, 20 min
<b>Buffer</b>	Ammonium Formate pH 4.0-20 mM
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV, 275 nm

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