

# Analysis of Minoxidil in Topical Solution by USP Method

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Ultra-inert  
UHPLC & HPLC Columns

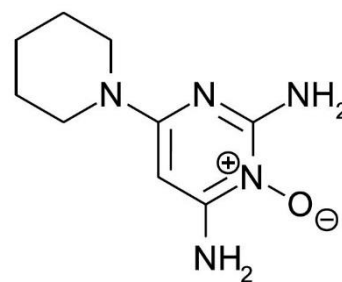
Application #AN6650

## Conditions

Column: ACE Excel 1.7 C18  
Dimensions: 100 x 2.1 mm  
Part Number: EXL-171-1002U  
Mobile Phase: A: 0.65 mL of heptafluorobutyric acid diluted to 1000 mL with water  
B: acetonitrile

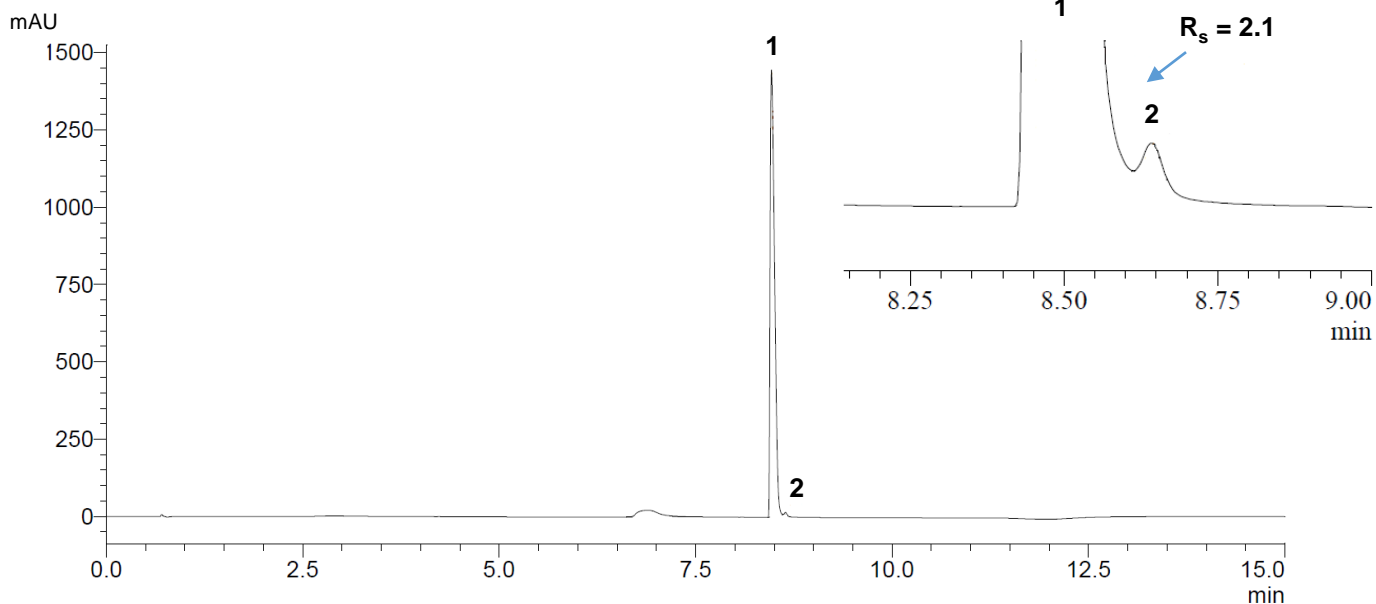
Time (mins)	%B
0	0
10.0	40
10.1	0
15.0	0

Flow Rate: 0.4 mL/min  
Injection Volume: 1  $\mu$ L  
Temperature: 35  $^{\circ}$ C  
Detection: UV, 280 nm



Minoxidil

1. Minoxidil
2. Impurity E (deoxyminoxidil)



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