Antihistamines

Application Note

BioPharma

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Introduction
HPLC analysis of four antihistamines and an impurity is achieved with an Agilent Polaris C18-A column in under three minutes.
**Conditions**

Column: Agilent Polaris C18-A, 4.6 x 30 mm, 3 µm  
Part no. A2001030X046

Eluent:  
A: H₂O + 0.1% TFA  
B: MeOH + 0.1% TFA

Gradient: 10 - 95% B in 4 min

Temp: ambient

Flow: 2.0 mL/min

Detection: UV @ 214 nm

**Peak identification**

1. acetaminophen,  
2. pseudoephedrine,  
3. chlorpheniramine maleate,  
3A. chlorpheniramine maleate impurity,  
4. dextromethorphan