Sorbic acid and salicylic acid

Application Note

BioPharma

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Introduction
HPLC separation of sorbic acid and salicylic acid on an Agilent Polaris Amide-C18 column in five minutes.
Conditions

Column: Agilent Polaris Amide-C18  
Dimensions: 4.6 x 150 mm, 5 μm, Part No.: A2006150X046  
Mobile Phase: H₂O + 0.1% TFA:CH₃CN - 50:50  
Flow Rate: 1.0 mL/min  
Temperature: Ambient  
Detection: 254 nm

Peak identification

1. uracil  
2. caffeine  
3. sorbic acid  
4. salicylic acid  
5. propyl paraben