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