

Detection of Hair Dye Components (I)

Conditions

Columns: ACE Excel 5 C18-Amide
Dimensions: 250 x 4.6 mm
Part Numbers: EXL-1212-2546U
Buffer: Phosphoric acid solution - 10 mL H₃PO₄ + 90 mL H₂O
Phosphate buffer - 1.8 g Na₂HPO₄·12H₂O + 2.8 g KH₂PO₄
+ 1 g NaSO₃(CH₂)₆CH₃, dilute to 1 L with H₂O
Final buffer solution - Add phosphoric acid solution to phosphate buffer
and adjust to pH 6
Mobile Phase: MeCN/buffer solution (10:90 v/v)
Flow Rate: 1.0 mL/min
Injection: 5 µL
Temperature: 25 °C
Detection: UV, 280 nm
Method: Cosmetics Safety Specification, 2015

Application #AN6660

