Detection of Hair Dye Components (III)



Application #AN6680

Conditions

Columns: ACE Excel 5 C18-Amide

Dimensions: 250 x 4.6 mm Part Numbers: EXL-1212-2546U

Phosphoric acid solution - 10 mL H₃PO₄ + 90 mL H₂O Buffer:

Phosphate buffer - 1.8 g Na₂HPO₄ 12H₂O + 2.8 g KH₂PO₄

+ 1 g NaSO₃(CH₂)₆CH₃, dilute to 1 L with H₂O

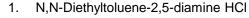
Final buffer solution - Add phosphoric acid solution to phosphate buffer

and adjust to pH 6

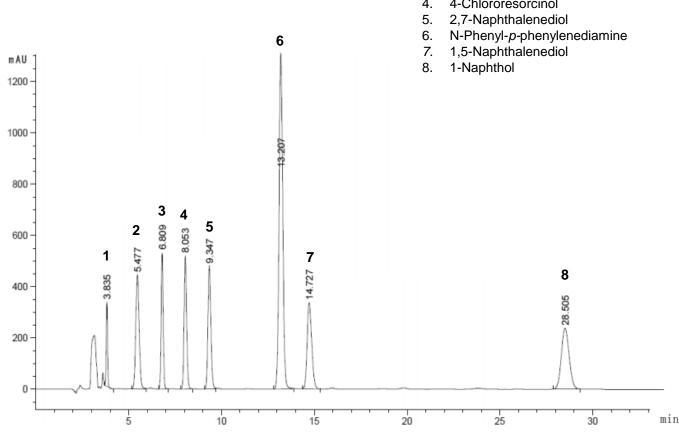
Mobile Phase: MeCN/buffer solution (40:60 v/v)

Flow Rate: 1.0 mL/min Injection: 5 µL 25 °C Temperature: Detection: UV, 280 nm

Method: Cosmetics Safety Specification, 2015



- Phenylmethyl pyrazolone
- 6-Hydroxyindole
- 4-Chlororesorcinol



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