

Hair Colorants (Dyes) on Bondclone 10u C18

Column: Bondclone™ 10 µm C18 148 Å, LC Column 300 x 3.9 mm, Ea

Dimensions: 300 x 3.9 mm ID

Order No: 00H-2117-C0

Elution Type: Isocratic

Eluent A: 0.005 M Diaminooctane-0.020 M Heptanesulfonate pH 4.5

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 275 nm (ambient)

Detector Info: UV detection at 275 nm (t=0 min), 320 nm (t=8.5 min) and 310 nm (t=12 min)

Analyst Note: HPLC from a commercial hair colorant preparation (paste) with the fotoreactor off (A) and on (B).

SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

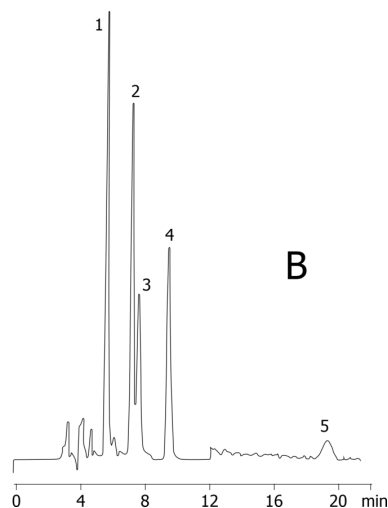
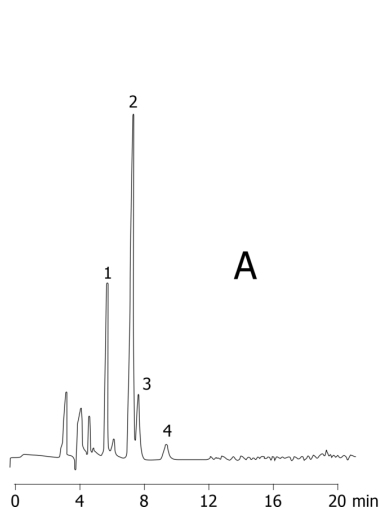
- Holder Part No.: KJ0-4282

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Products used in this application:

Bondclone™



ANALYTES:

- 1 1,4-PHENylenediamine
- 2 Resorcinol
- 3 4-Methylamino phenol
- 4 4-Dimethylamino aniline
- 5 2,4-Diaminoethoxybenzene

