

## 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)

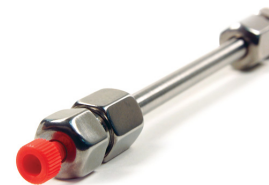
**Analyst Note:** HPLC from a commercial hair colorant preparation (paste) with the fotoreactor off (A) and on (B).

SecurityGuard™ Guard Cartridge System extends column lifetime.

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

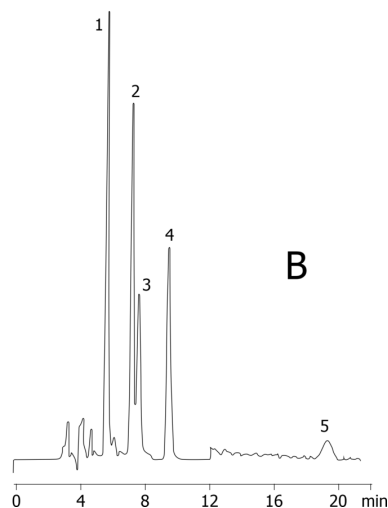
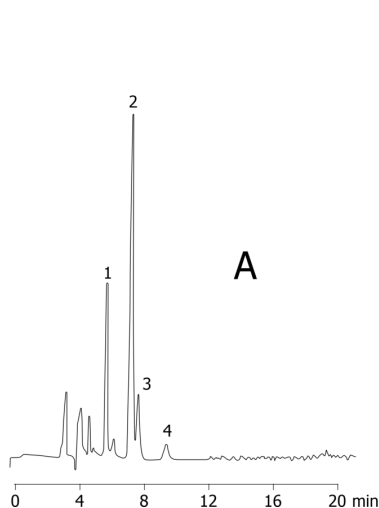
- Holder Part No.: KJ0-4282

2634



Products used in this application:

## Bondclone™



### ANALYTES:

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

