

## Cephalosporin Antibiotics

**Column:** Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4435-E0

**Elution Type:** Isocratic

**Eluent A:** 0.5% Acetic acid

**Eluent B:** Acetonitrile

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

**Flow Rate:** 1 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (25 °C)

**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

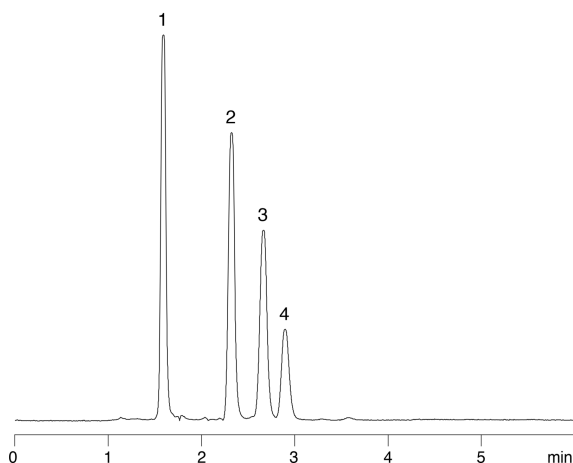
- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282

14997



Products used in this application:



### ANALYTES:

- 1** Cefadroxil  
Retention Time: 1.586 min
- 2** Cephalexin  
Retention Time: 2.322 min
- 3** Cephadrine  
Retention Time: 2.664 min
- 4** Cefaclor  
Retention Time: 2.896 min

