

HPLC Application

ID No.: 10136

Preservatives

Column: Prodigy[™] 5 µm ODS-3 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4097-E0

Elution Type: Isocratic

Eluent A: Water

Eluent B: Methanol

Eluent C: 0.1 % Acetic acid, pH 2.8

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B | Pct C |
|-------------------|----------|------------|-------|-------|-------|
| | 1 | 0 | 55 | 45 | 0.5 |

Flow Rate: 1 mL/min

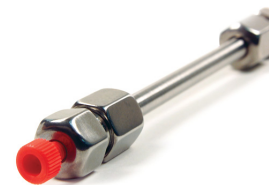
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

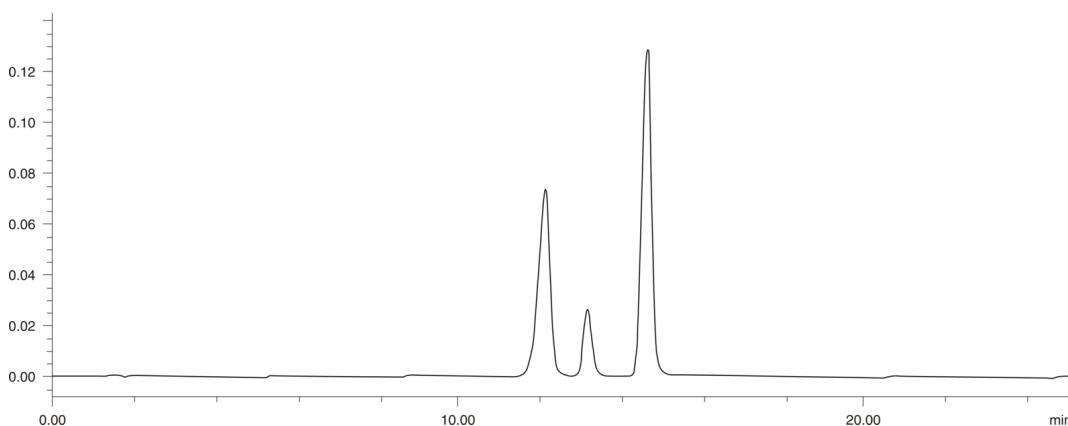
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

Prodigy[™]



ANALYTES:

- 1 Benzaldehyde
- 2 Sodium phenyl acetate
- 3 Sodium benzoate

