

HPLC Application

ID No.: 10118

Sulfa Drugs on Prodigy 5 ODS (3)

Column: Prodigy[™] 5 µm ODS-3 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4097-E0

Elution Type: Isocratic

Eluent A: Acetonitrile

Eluent B: 20 mM KH₂PO₄, pH 9.0

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 5 | 95 |

Flow Rate: 1 mL/min

Col. Temp.: 40 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (ambient)

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

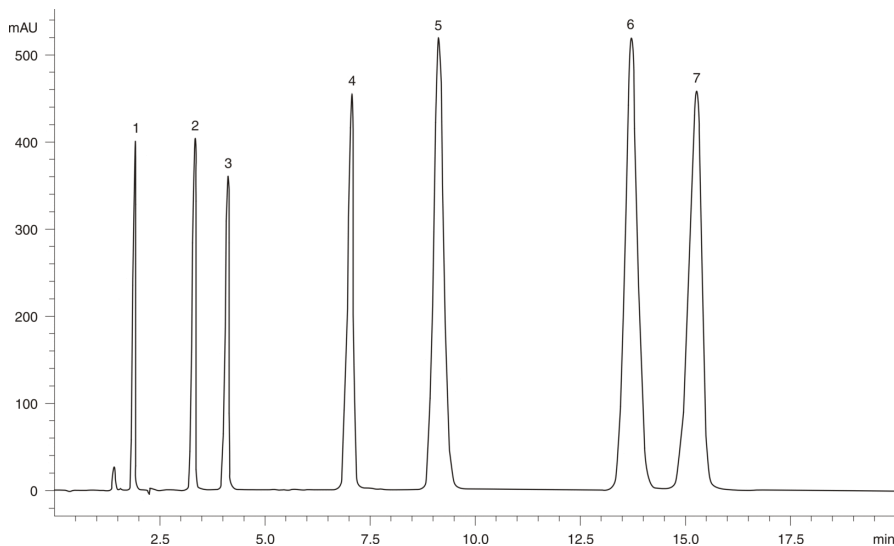
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

Prodigy[™]



ANALYTES:

- 1 Sulfanilic acid
- 2 Sulfaguanidine
- 3 Sulfanilamide
- 4 Sulfamerazine
- 5 Succinylsulfathiazole
- 6 Sulfathiazole
- 7 Sulfapyridine

