

HPLC Application

ID No.: 3304

Sulfa Drug Screen - USP Method

Column: Luna® 3 µm CN 100 Å, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4254-E0

Elution Type: Isocratic

Eluent A: Hexane with 0.1% Triethylamine

Eluent B: Methylene chloride:Methanol (80:20) with 0.1% Triethylamine

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	60	40

Flow Rate: 4 mL/min

Col. Temp.: ambient

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

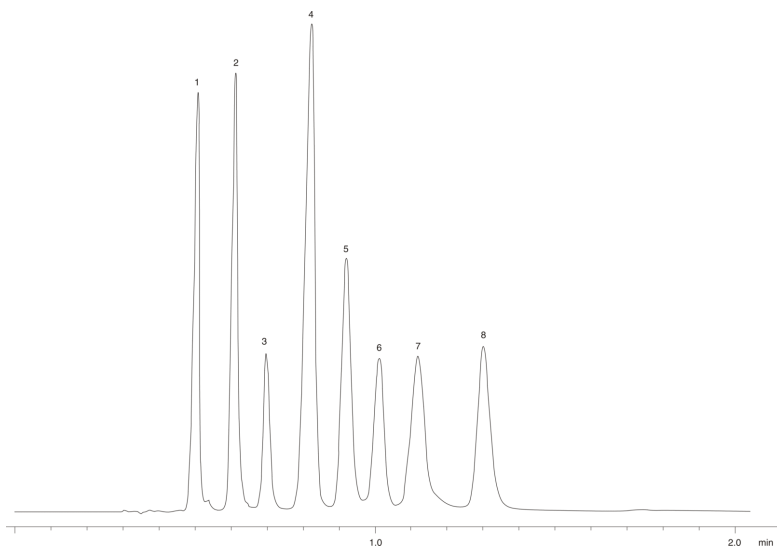
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Sulfapyrazine
- 2 Sulfamerazine
- 3 Sulfadiazine
- 4 Sulfanilamide
- 5 Sulfathiazole
- 6 Sulfanilic acid
- 7 Sulfasalazine
- 8 Sulfaguanidine

