

HPLC Application

ID No.: 10409

Tetracyclines

Column: PolymerX[™] 5 µm RP-1 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4326-E0

Elution Type: Isocratic

Eluent A: 50g Tertiary butyl alcohol in water

Eluent B: Phosphate buffer, pH 7.5

Eluent C: Tetrabutyl ammonium hydrogen sulfate

Eluent D: 10mL EDTA disodium solution in water

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C	Pct D
	1	0	20	6	5	69

Flow Rate: 1 mL/min

Col. Temp.: 60 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

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

- SecurityGuard Cartridges, RP-1 4 x 3.0mm, 10/Pk Part No.: AJ0-5809

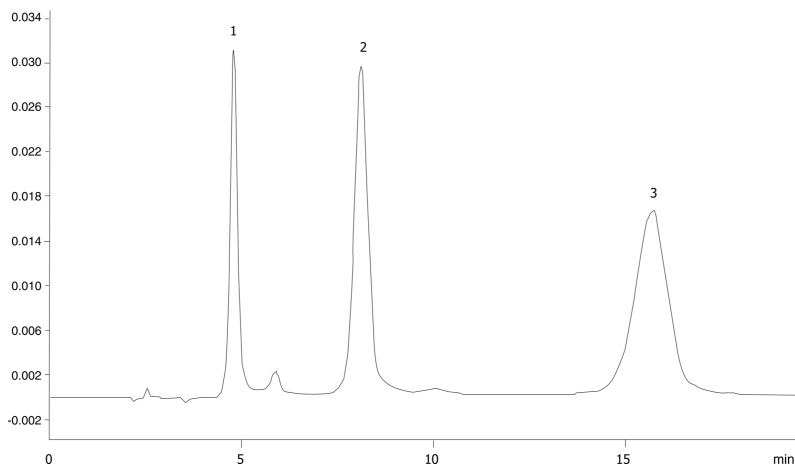
- Holder Part No.: KJ0-4282

10409



Products used in this application:

PolymerX[™]



ANALYTES:

- 1 4-Epioxy tetracycline
- 2 Oxytetracycline
- 3 Tetracycline

