

HPLC Application

ID No.: 10406

Erythromycins

Column: PolymerX[™] 7 µm RP-1 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4327-E0

Elution Type: Isocratic

Eluent A: Acetonitrile

Eluent B: K₂HPO₄ (1.75g), pH 9.0/Tertiary butyl alcohol/Acetonitrile/Water (50:135:30:755) (v/v/v/v)

Gradient

Step No.	Time (min)	Pct A	Pct B
1	0	50	50

Flow Rate: 0.8 mL/min

Col. Temp.: 75 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 215 nm (ambient)

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

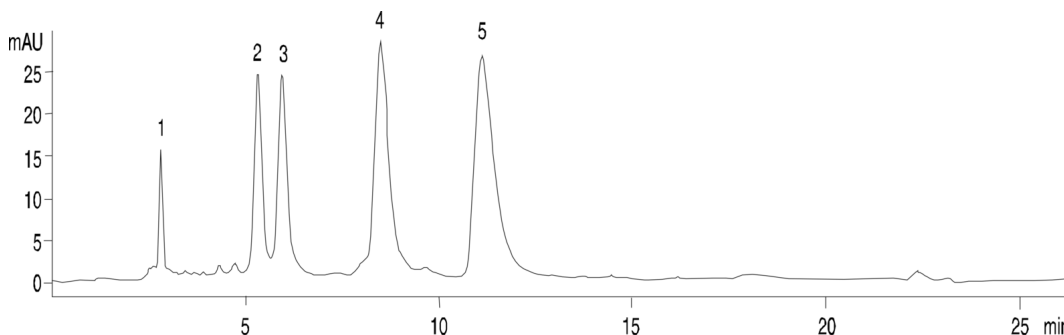
- SecurityGuard Cartridges, RP-1 4 x 3.0mm, 10/Pk Part No.: AJ0-5809

- Holder Part No.: KJ0-4282



Products used in this application:

PolymerX[™]



ANALYTES:

- 1 impurity
- 2 Erythromycin related compound N
- 3 Erythromycin C
- 4 Erythromycin A
- 5 Erythromycin B

