

HPLC Application

ID No.: 1612

Antibiotics

Column: Luna® 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4252-E0

Elution Type: Isocratic

Eluent A: Acetonitrile

Eluent B: Buffer (13.1g K₂HPO₄·3H₂O + 0.3g KH₂PO₄ + 1.5g sodium heptanesulfonate + 500mL H₂O)

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

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 259 nm (ambient)

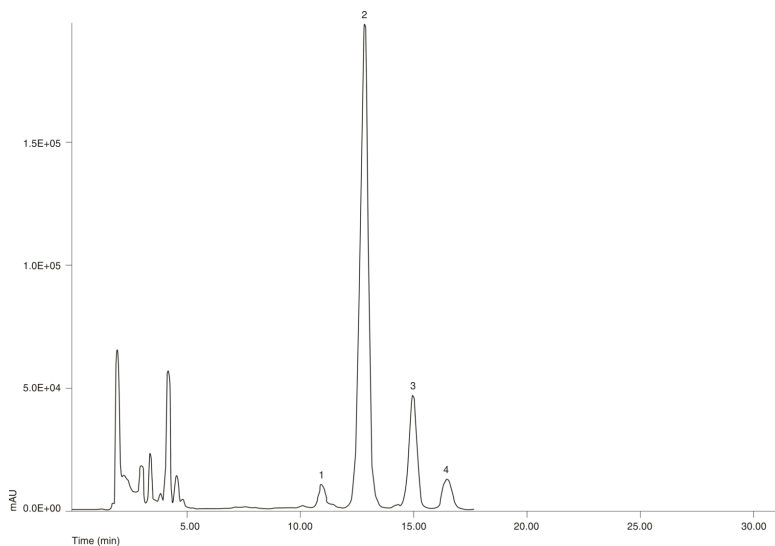
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1** Monomycin A12
Retention Time: 10.83 min
- 2** Monomycin A
Retention Time: 12.68 min
- 3** Monomycin C3
Retention Time: 14.79 min
- 4** Monomycin C4
Retention Time: 16.31 min

