

HPLC Application

ID No.: 18085

Erythromycin on Gemini-NX 5 µm C18 250 x 4.6

Column: Gemini® 5 µm NX-C18 110 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4454-E0

Elution Type: Isocratic

Eluent A: Ammonium Carbonate (10mM) in H₂O

Eluent B: Tertiary Butyl Alcohol

Eluent C: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	80	15	5

Flow Rate: 0.8 mL/min

Col. Temp.: 55 °C

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

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

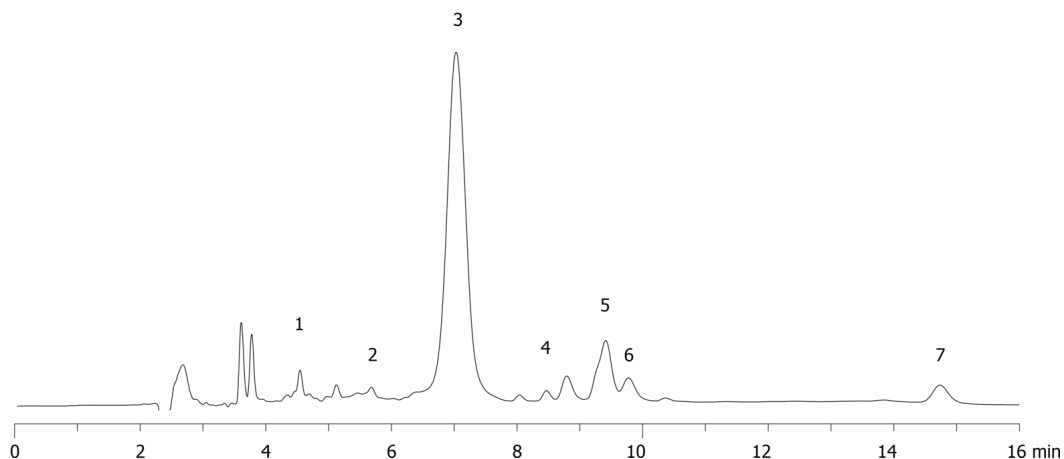
- SecurityGuard Cartridges, Gemini-NX C18 4 x 3.0mm, 10/Pk Part No.: AJ0-8368

- Holder Part No.: KJ0-4282

18085



Products used in this application:



ANALYTES:

- 1** Erythromycin F (EF)
Retention Time: 4.5 min
- 2** Erythromycin C (EC)
Retention Time: 5.7 min
- 3** Erythromycin A (EA)
Retention Time: 7 min
- 4** Anhydroerythromycin A (AEA)
Retention Time: 8.5 min
- 5** Erythromycin B (EB)
Retention Time: 9.4 min
- 6** Pseudo-erythromycin A enol ether
Retention Time: 9.8 min
- 7** Erythromycin A enol ether (EAEN)
Retention Time: 14.7 min

