

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.

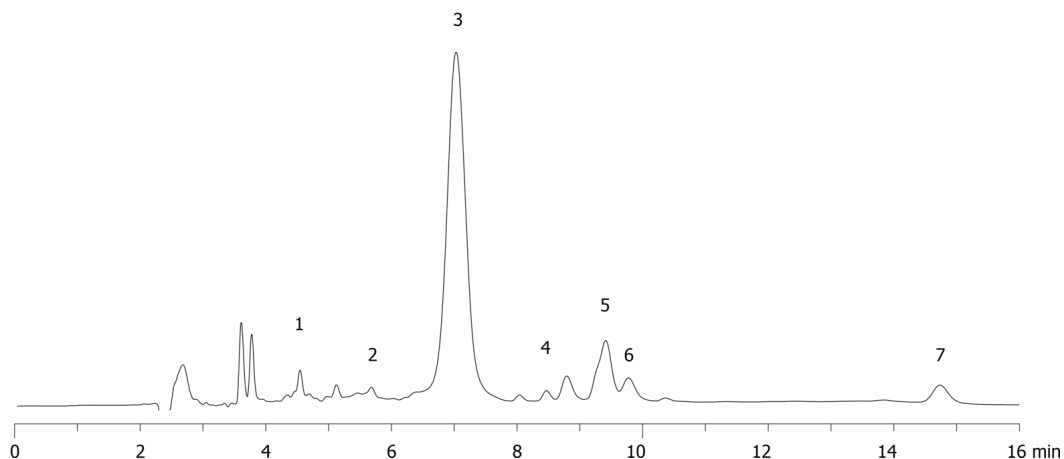
- SecurityGuard Cartridges, Gemini-NX C18 4 x 3.0mm, 10/Pk Part No.: AJ0-8368

- 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

