

## Antibacterials: erythromycin

**Column:** Prodigy™ 5 µm ODS-2 150 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-3300-E0

**Elution Type:** Gradient

**Eluent A:** 60 mL 0.20M (NH<sub>4</sub>)<sub>2</sub>HPO<sub>4</sub> (pH 6.5), 60 mL 0.20M tetrabutyl (NH<sub>4</sub>)HSO<sub>4</sub> (pH6.5), 100 ml

**Eluent B:** 60 mL 0.20M (NH<sub>4</sub>)<sub>2</sub>HPO<sub>4</sub> (pH 6.5), 60 mL 0.20M tetrabutyl (NH<sub>4</sub>)HSO<sub>4</sub> (pH6.5), 500 ml

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 78    | 22    |
|                   | 2        | 39         | 26    | 74    |
|                   | 3        | 47         | 26    | 74    |

**Flow Rate:** 1.3 mL/min

**Col. Temp.:** 45 °C

**Detection:** UV-Vis Abs.-Fixed Wave. (UV) @ 205 nm (45 °C)

**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



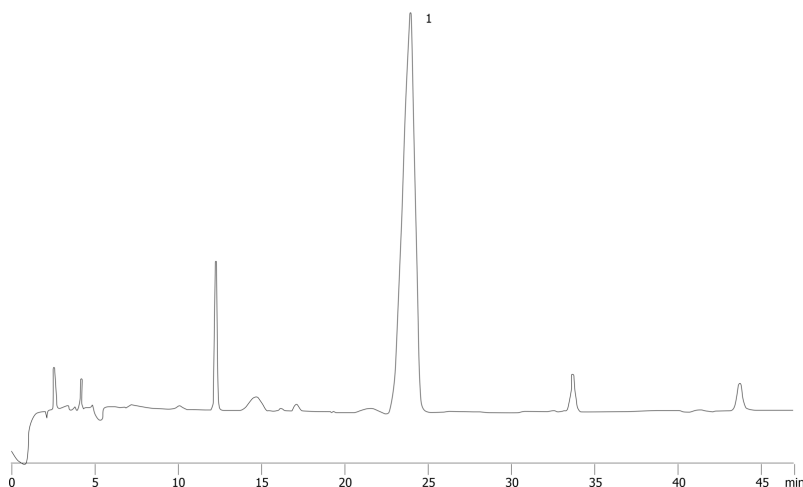
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Products used in this application:

**Prodigy™**

13329



### ANALYTES:

1 Erythromycin

