



Column: [PolymerX™ 7 µm RP-1 100 Å LC Column 250 x 4.6 mm](#)

Part No: [00G-4327-E0](#)

Dimensions: 250 x 4.6 mm ID

Elution Type: Isocratic

Elution A: Acetonitrile

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

Gradient Profile:

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 (22°C)

Compounds:

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