



**Column:** [PolymerX™ 5 µm RP-1 100 Å LC Column 150 x 4.6 mm](#)

**Part No:** [00F-4326-E0](#)

**Dimensions:** 150 x 4.6 mm ID

**Elution Type:** Isocratic

**Elution A:** 50g Tertiary butyl alcohol in water

**Elution B:** Phosphate buffer, pH 7.5

**Elution C:** Tetrabutyl ammonium hydrogen sulfate

**Elution D:** 10mL EDTA disodium solution in water

**Gradient Profile:**

Step No.	Time (min)	Pct A	Pct B	Pct C	Pct D
1	0	20	6	5	69

**Flow Rate:** 1 mL/min

**Col. Temp:** 60 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (22°C)

**Compounds:**

- 1- 4-Epioxy tetracycline
- 2- Oxytetracycline
- 3- Tetracycline