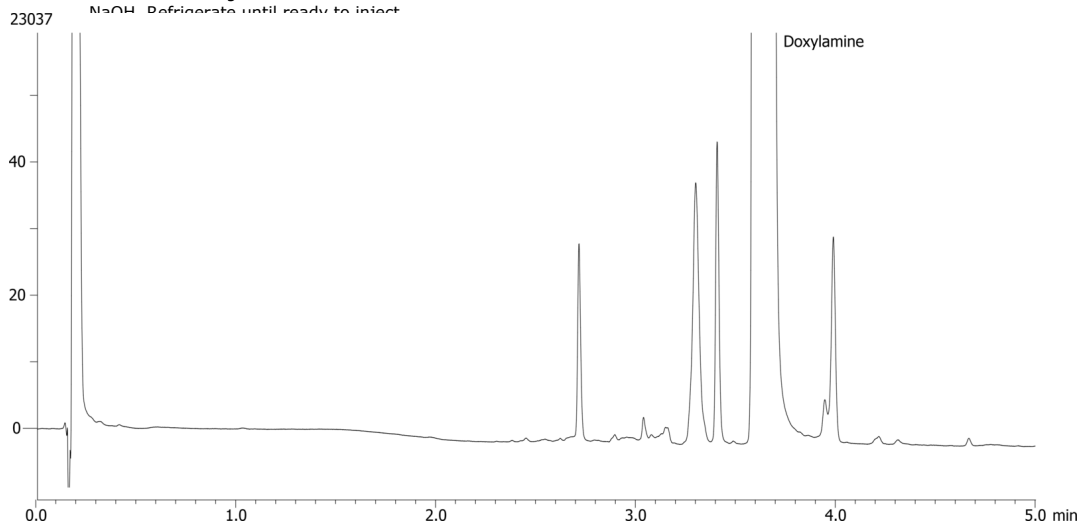


Doxylamine impurity profile on Kinetex 2.6 µm EVO C18**Column:** Kinetex® 2.6µm EVO C18 100 Å, LC Column 50 x 2.1 mm, Ea**Dimensions:** 50 x 2.1 mm ID**Order No:** 00B-4725-AN**Elution Type:** Gradient**Eluent A:** 20 mM ammonium bicarbonate pH 10.0**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	5	5	95

Flow Rate: 0.7 mL/min**Col. Temp.:** ambient**Detection:** Electrospray Mass Spec (ESMS) @ 0.000000000 (ambient)**Analyst Note:** Forced degradation protocol:

Reconstitute 1 mg of cefaclor neat standard with 1.0 mL of 1 M HCl. Heat the solution at 60 °C for 6 hours then neutralize with 1.0 mL of 1 M NaOH. Refrigerate until ready to inject.

**Products used in this application:****ANALYTES:**

- 1 Doxylamine

