HPLC Application

ID No.: 23037



Doxylamine impurity profile on Kinetex 2.6 µm EVO C18

Kinetex® 2.6μm EVO C18 100 Å, LC Column 50 x 2.1 mm, Ea

50 x 2.1 mm ID **Dimensions:** Order No: 00B-4725-AN **Elution Type:** Gradient

Eluent A: 20 mM ammonium bicarbonate pH 10.0

Eluent B: Acetonitrile

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

Flow Rate: 0.7 mL/min Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

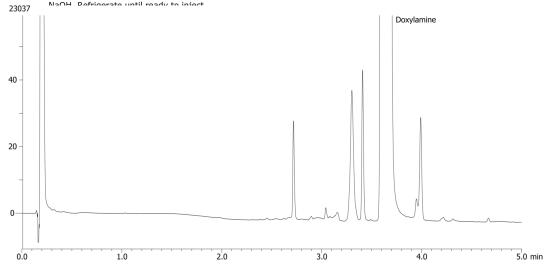
Forced degradation protocol: **Analyst Note:**

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. Perioceate until ready to inject



Products used in this application:





ANALYTES:

1 Doxylamine

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For more information contact your Phenomenex Representative at support@phenomenex.com

