HPLC Application

3

Forced degradation protocol:

1.25 mL/min

ambient

11

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

Column:

Order No:

Eluent A:

Eluent B:

Gradient

Flow Rate:

Col. Temp.:

Profile:

Dimensions:

Elution Type:

Cold medicine compounds on Kinetex 2.6 µm EVO C18 Kinetex® 2.6µm EVO C18 100 Å, LC Column 100 x 4.6 mm, Ea 100 x 4.6 mm ID Kinetex® 00D-4725-E0 Ultra-High Performance Gradient 0.1% TFA in Water 0.1% TFA in ACN -0-Step No. Time (min) Pct A Pct B 1 0 98 2 2 6 70 30 Products used in this application:

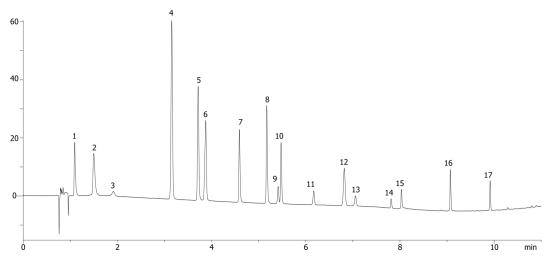


ohenomenex

Detection: Analyst Note: 23036

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

100



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HPLC Application



Cold medicine compounds on Kinetex 2.6 µm EVO C18

ANALYTES:

- 1 Maleic acid
- 2 Fumaric acid
- 3 Phenylephrine
- Acetaminophen 4
- 5 Pheniramine
- 6 Doxylamine
- 7 Pyrilamine
- 8 Chlorpheniramine
- 9 Guaifenesin
- 10 Brompheniramine
- 11 Acetylsalicylic acid
- 12 4-Nitrophenol
- 13 Impurity
- Dextromethorphan 14
- 15 Diphenhydramine
- 16 Clemastine
- 17 Ibuprofen

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