

# HPLC Application

ID No.: 24130

## Cephalosporins on Kinetex 5 $\mu$ m F5

**Column:** Kinetex<sup>®</sup> 5  $\mu$ m F5 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4724-E0

**Elution Type:** Gradient

**Eluent A:** 20 mM Potassium Phosphate pH (2.5)

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	2	0	85	15

**Flow Rate:** 1 mL/min

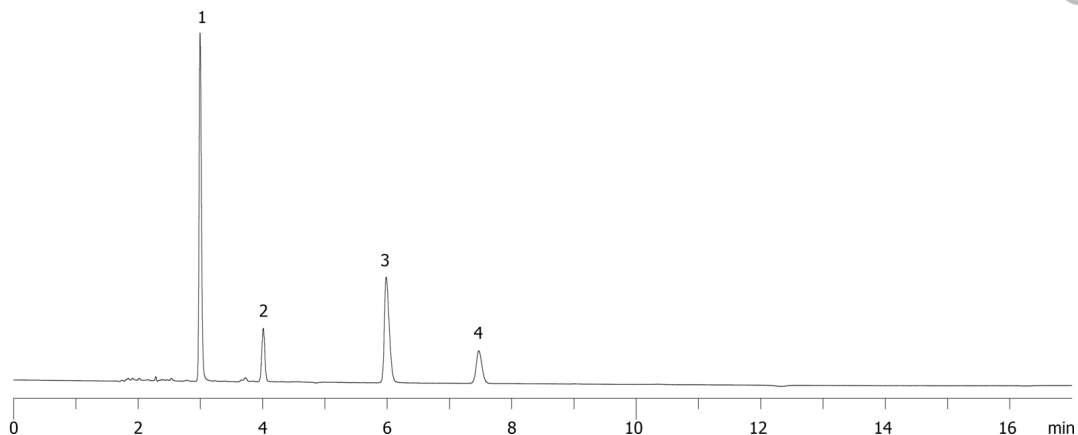
**Col. Temp.:** ambient

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

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Products used in this application:



### ANALYTES:

- 1** Cefadroxil  
Retention Time: 2.1 min
- 2** Cefaclor  
Retention Time: 2.4 min
- 3** Cefalexin  
Retention Time: 3.3 min
- 4** Cephadrine  
Retention Time: 3.8 min
- 5**

