

# HPLC Application

ID No.: 22158

## Caffeine and phenol using Kinetex 5u Biphenyl 50x4.6mm

**Column:** Kinetex<sup>®</sup> 5  $\mu$ m Biphenyl 100 Å LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4627-E0

**Elution Type:** Isocratic

**Eluent A:** Water with 0.1% formic acid

**Eluent B:** Methanol with 0.1% formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	65	35

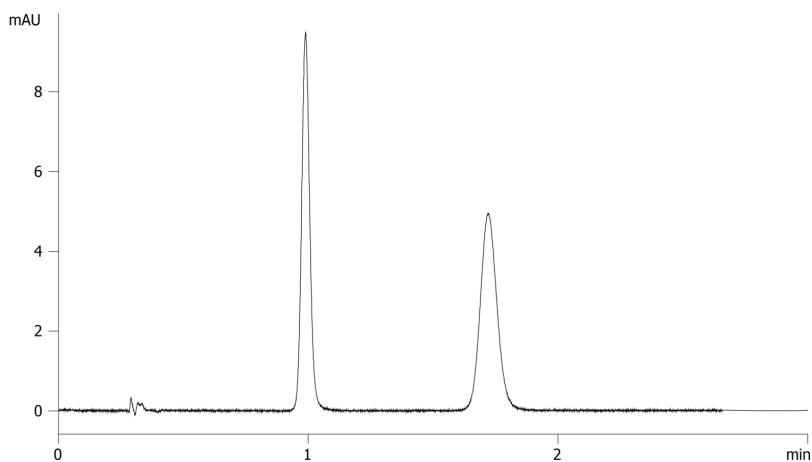
**Flow Rate:** 1.8 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)  
22158



Products used in this application:



### ANALYTES:

**1** Phenol

Retention Time: 0.986 min

**2** Caffeine

Retention Time: 1.717 min

