

# HPLC Application

ID No.: 19957

## USP Acetaminophen, Acetylsalicylic Acid, Caffeine on Kinetex 2.6u C18 75x4.60mm on Shimadzu Nexera

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 75 x 4.6 mm, Ea

**Dimensions:** 75 x 4.6 mm ID

**Order No:** 00C-4462-E0

**Elution Type:** Isocratic

**Eluent A:** 69:28:3 Water:Methanol:Acetic Acid

Gradient	Step No.	Time (min)	Pct A
<b>Profile:</b>	<b>1</b>	12	100

**Flow Rate:** 2 mL/min

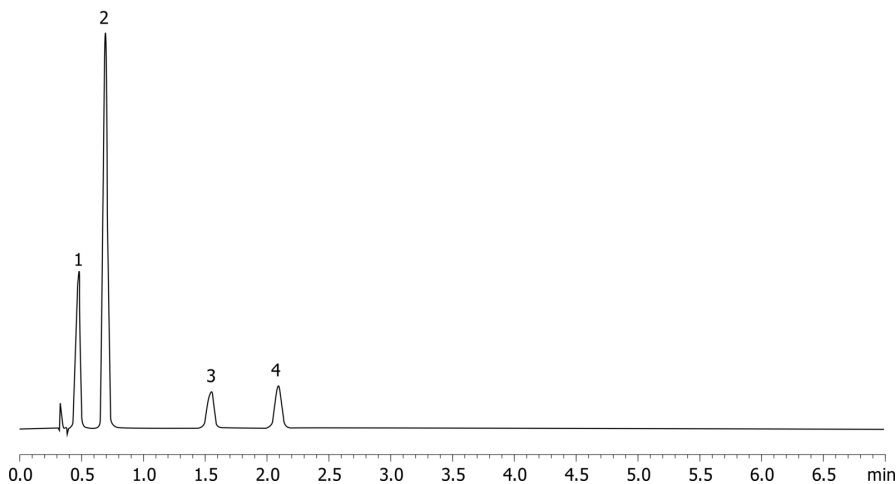
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 275 nm (ambient)

19957



Products used in this application:



### ANALYTES:

- 1** Acetaminophen  
Retention Time: 0.488 min
- 2** Caffeine  
Retention Time: 0.706 min
- 3** Acetylsalicylic acid  
Retention Time: 1.564 min
- 4** Benzoic acid  
Retention Time: 2.104 min

