

# HPLC Application

ID No.: 19956

## USP Acetaminophen, Acetylsalicylic Acid, Caffeine on Kinetex 2.6u C18 100x4.60mm on Shimadzu Nexera

**Column:** Kinetex<sup>®</sup> 2.6  $\mu$ m C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-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

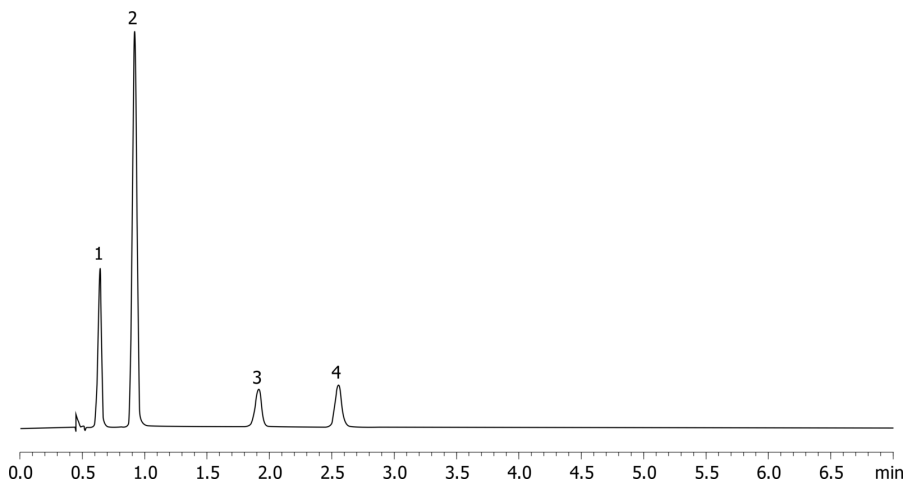
**Col. Temp.:** ambient

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

19956



Products used in this application:



### ANALYTES:

- 1** Acetaminophen  
Retention Time: 0.643 min
- 2** Caffeine  
Retention Time: 0.923 min
- 3** Acetylsalicylic acid  
Retention Time: 1.915 min
- 4** Benzoic acid  
Retention Time: 2.555 min

