

# HPLC Application

ID No.: 3270

## Acetaminophen, Aspirin, and Caffeine - USP Method

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4252-E0

**Elution Type:** Isocratic

**Eluent A:** water

**Eluent B:** methanol

**Eluent C:** glacial acetic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
1	1	0	69	28	3

**Flow Rate:** 2 mL/min

**Col. Temp.:** 45 °C

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

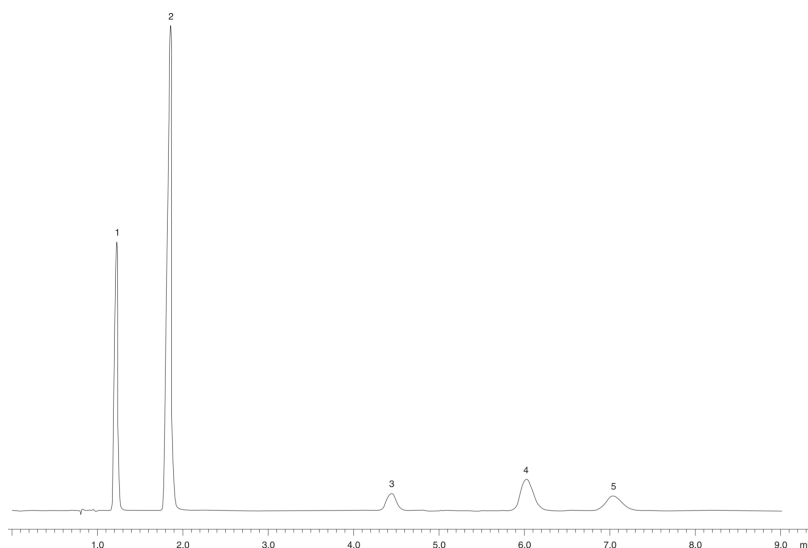
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Acetaminophen
- 2 Caffeine
- 3 Aspirin
- 4 Benzoic acid
- 5 Salicylic acid

