

# HPLC Application

ID No.: 2575

## Cough And Cold USP Method

**Column:** Luna® 5 µm Phenyl-Hexyl 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4257-E0

**Elution Type:** Isocratic

**Eluent A:** Methanol

**Eluent B:** Water w/0.1% H3PO4 & 0.1% heptane sulfonate

**Eluent C:** Acetonitrile w/0.1% H3PO4

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	35	55	10

**Flow Rate:** 2.05 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (ambient)

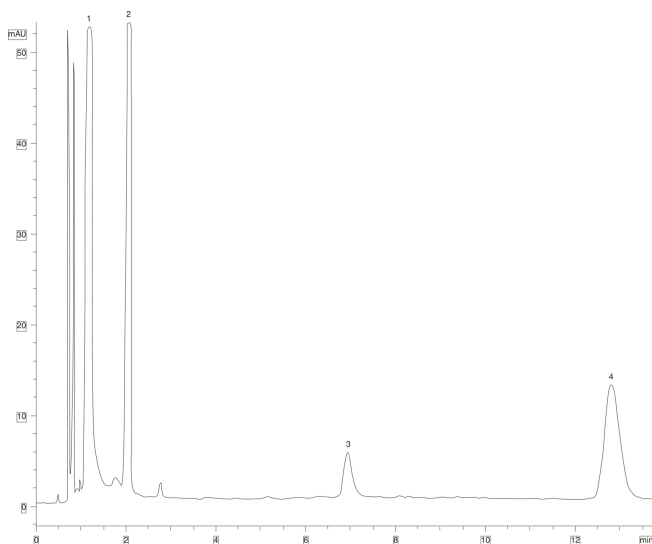
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Acetaminophen
- 2 Pseudoephedrine
- 3 Chlorpheniramine
- 4 Dextromethorphan

