

Assay for Pseudoephedrine, Chlorpheniramine, and dextromethorphan in Cough and Cold Formulations

Column: Prodigy™ 5 µm Phenyl-3 (PH-3) 100 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4298-E0
Elution Type: Isocratic
Eluent A: Methanol
Eluent B: Water w/ 2.5 mM monobasic potassium phosphate, 3mM triethylamine, 0.5 mM sodium lauryl sulfate
Gradient

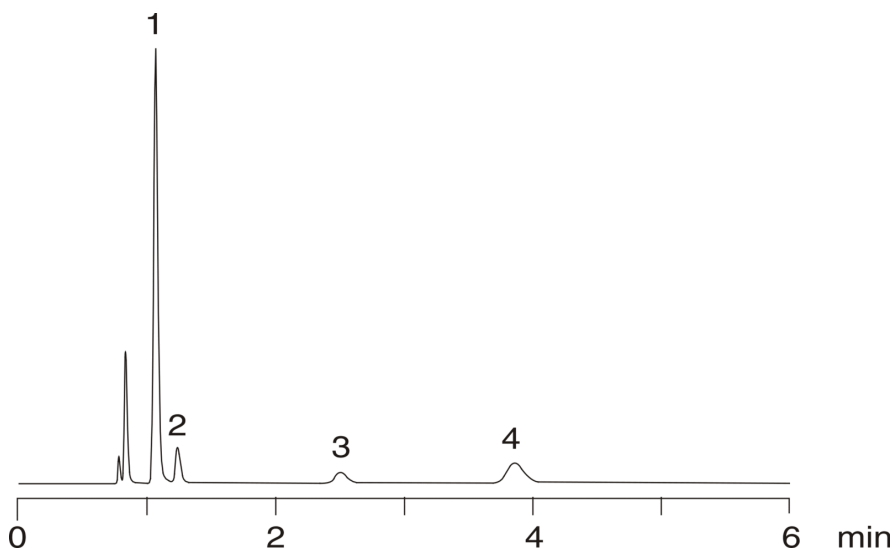
Step No.	Time (min)	Pct A	Pct B
1	0	60	40

Profile:
Flow Rate: 2 mL/min
Col. Temp.: 25 °C
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:

Prodigy™



ANALYTES:

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

