

HPLC Application

ID No.: 10251

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
Profile:	1	0	60	40

Flow Rate: 2 mL/min

Col. Temp.: 25 °C

Detection: Refractive Index @ 0.0000000000 (ambient)

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

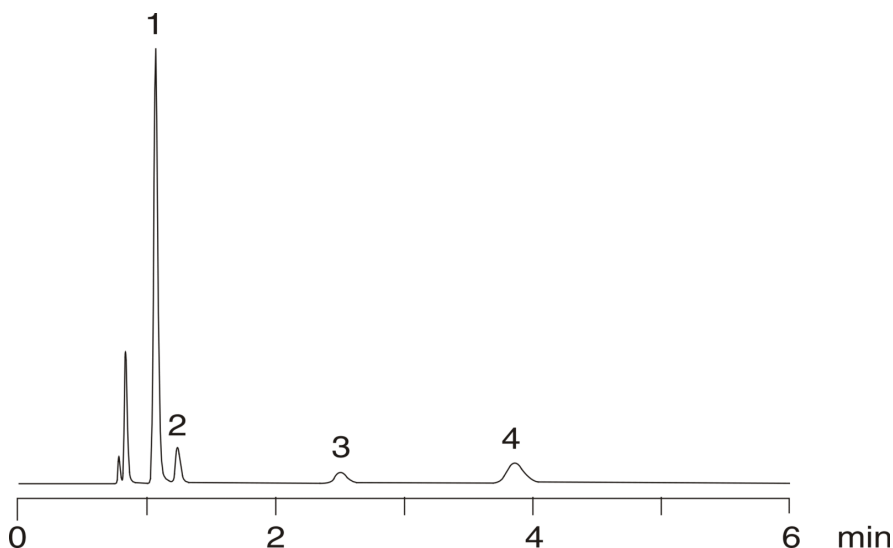
- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



Products used in this application:

Prodigy™



ANALYTES:

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

