

HPLC Application

ID No.: 12472

Diphenhydramine and impurity

Column: Synergi[™] 4 µm Max-RP 80 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4337-E0

Elution Type: Isocratic

Eluent A: Methanol

Eluent B: Acetonitrile

Eluent C: 20mM Potassium phosphate pH 7

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	30	40	30

Flow Rate: 1 mL/min

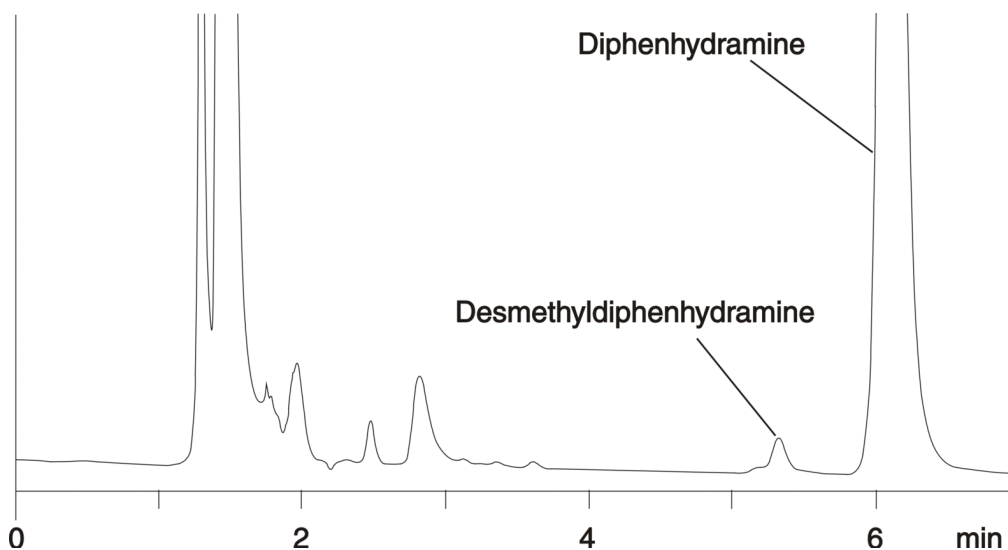
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

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

- SecurityGuard Cartridges, C12 4 x 3.0mm, 10/Pk Part No.: AJ0-6074

- Holder Part No.: KJ0-4282



ANALYTES:

- 1 Desmethyldiphenhydramine
- 2 Diphenhydramine

