

## Antihistamines

**Column:** Luna® 3 µm C8(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4248-E0

**Elution Type:** Isocratic

**Eluent A:** 0.05 M phosphate buffer-dibasic potassium pH 7.0

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
1	1	0	52.6	47.4

**Flow Rate:** 1.3 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 249 nm (ambient)

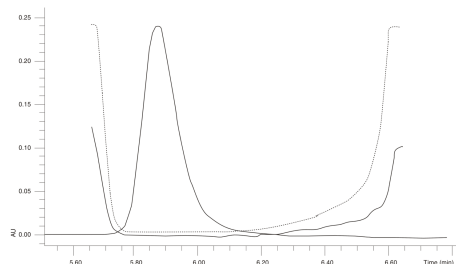
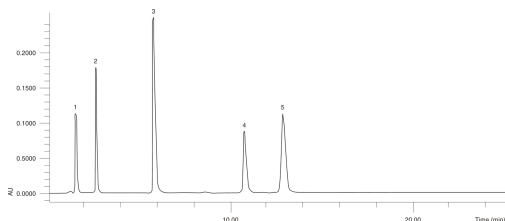
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C8 4 x 3.0mm, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Promethazine sulfoxide
- 2 N-Desmethylpromethazine
- 3 Promethazine hydrochloride
- 4 Isopromethiazine
- 5 Phenothiazine

