

HPLC Application

ID No.: 14505

Tricyclic Antidepressants

Column: Luna® 5 µm C8(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4249-E0

Elution Type: Isocratic

Eluent A: 10 mM KH₂PO₄, pH 7.0

Eluent B: Acetonitrile

Eluent C: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	16	74	10

Flow Rate: 1 mL/min

Col. Temp.: ambient

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

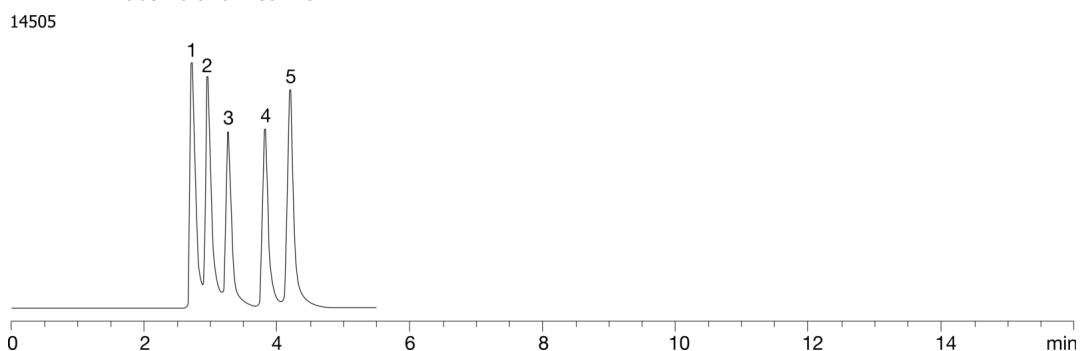
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Desipramine
- 2 Nortriptyline
- 3 Doxepin
- 4 Imipramine
- 5 Amitriptyline

