

HPLC Application

ID No.: 1106

Tricyclic Antidepressants

Column: Luna® 3 µm C18(2) 100 Å, LC Column 75 x 4.6 mm, Ea

Dimensions: 75 x 4.6 mm ID

Order No: 00C-4251-E0

Elution Type: Isocratic

Eluent A: 10mM K2PO4, pH 7.0

Eluent B: Acetonitrile

Eluent C: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
1	1	0	30	45	25

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 242 nm (ambient)

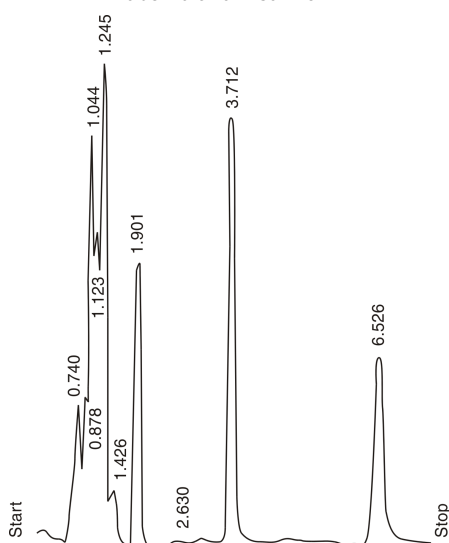
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1** Desipramine
Retention Time: 1.901 min
- 2** Imipramine
Retention Time: 3.712 min
- 3** Trimipramine
Retention Time: 6.526 min

