

HPLC Application

ID No.: 3255

Imipramine - USP Method

Column: Luna® 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4252-E0

Elution Type: Isocratic

Eluent A: 0.06M sodium perchlorate, pH 2.0

Eluent B: Acetonitrile

Eluent C: Triethylamine

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	62.5	37.5	0.1

Flow Rate: 1.5 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 269 nm (ambient)

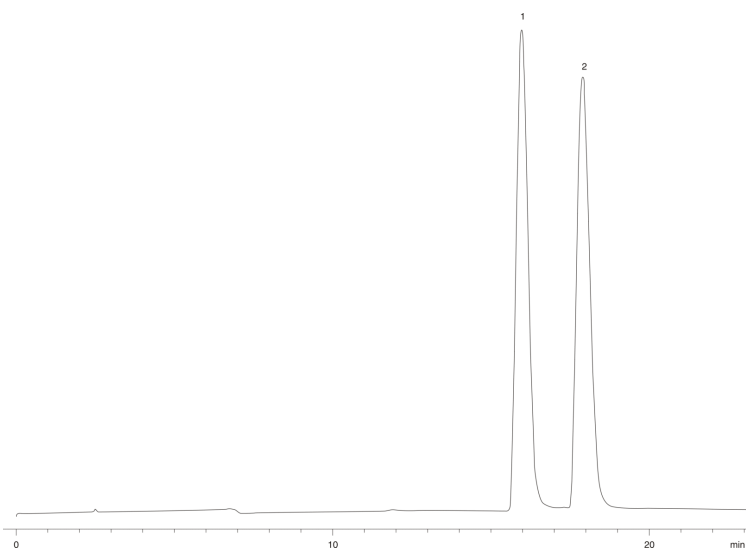
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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 Imipramine

Retention Time: 15.89 min

2 Desipramine

Retention Time: 17.818 min

