

HPLC Application

ID No.: 15692

Anilines - Luna 5µm C18(2)

Column: Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4252-E0

Elution Type: Gradient

Eluent A: 10mM NH₄HCO₃, pH 10.5

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	10	50	50

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

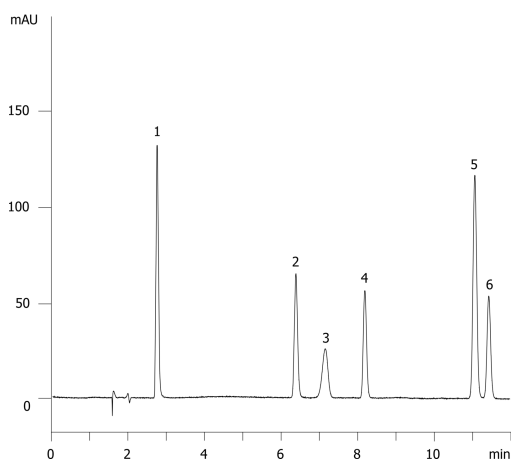
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282

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Products used in this application:



ANALYTES:

- 1** Caffeine
Retention Time: 2.762 min
- 2** Aniline
Retention Time: 6.385 min
- 3** N,N-Dimethylaniline
Retention Time: 7.159 min
- 4** 2-Nitroaniline
Retention Time: 8.186 min
- 5** N-Methylaniline
Retention Time: 11.06 min
- 6** 2-Ethylaniline
Retention Time: 11.42 min

