

# HPLC Application

ID No.: 16028

## MercuryMS - Luna 3µm C18(2) 20 x 4.0mm for Acid, Base, Neutral

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 20 x 4 mm, Mercury, Ea

**Dimensions:** 20 x 4 mm ID

**Order No:** 00M-4251-D0-CE

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic Acid in Water

**Eluent B:** 0.1% Formic Acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	1	5	95
	3	1.01	95	5
	4	1.2	95	5

**Flow Rate:** 2.5 mL/min

**Col. Temp.:** ambient

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

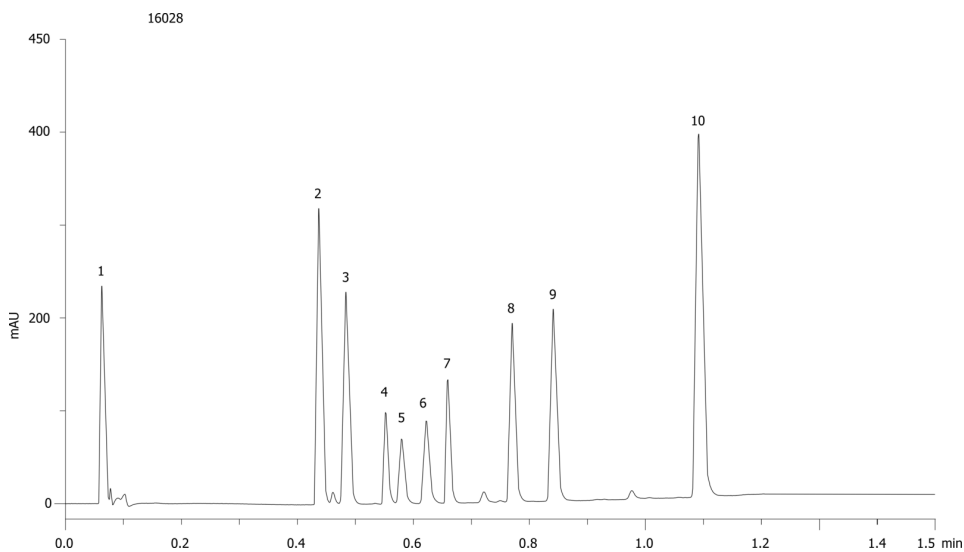
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



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### ANALYTES:

- 1 Pyridine
- 2 Quinidine
- 3 Sulfathiazole
- 4 Triprolidine
- 5 Benzyl alcohol
- 6 Phenol
- 7 Nortriptyline
- 8 3-Methyl-4-nitrobenzoic acid
- 9 5-Methyl-salicylaldehyde
- 10 Hexaphenone

