

HPLC Application

ID No.: 15618

Flavonoids by Luna 3µ Phenyl-Hexyl MercuryMS Cartridge 20 x 2.0 mm

Column: Luna® 3 µm Phenyl-Hexyl 100 Å, LC Column 20 x 2 mm, Mercury, Ea

Dimensions: 20 x 2 mm ID

Order No: 00M-4256-B0-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	80	20
	2	1	50	50
	3	1.01	80	20
	4	2	80	20

Flow Rate: 0.6 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (25 °C)

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

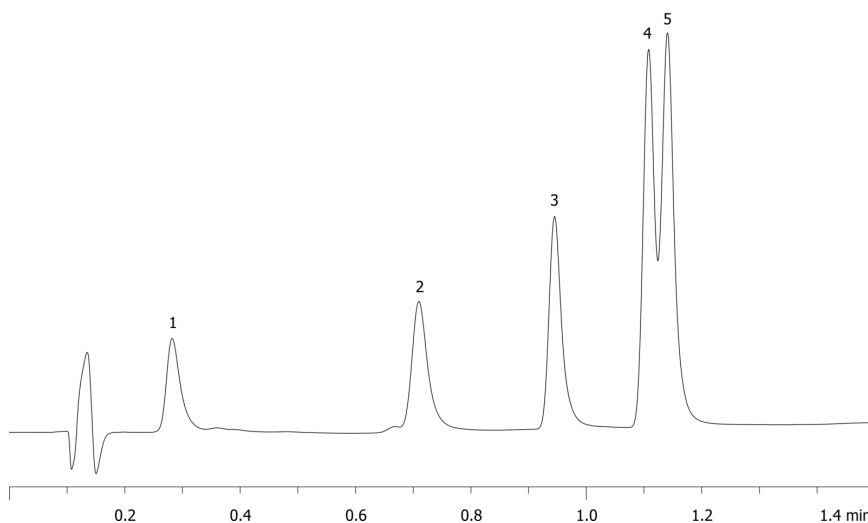
- SecurityGuard Cartridges, Phenyl 4 x 2.0mm, 10/Pk Part No.: AJ0-4350

- Holder Part No.: KJ0-4282

15618



Products used in this application:



ANALYTES:

- 1** Rutin
Retention Time: 0.282 min
- 2** Myricetin
Retention Time: 0.71 min
- 3** Quercetin
Retention Time: 0.945 min
- 4** Genistein
Retention Time: 1.108 min
- 5** Naringenin
Retention Time: 1.141 min

