

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

Column: Luna[®] 3 μ m 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	90	10
	2	0.8	85	15
	3	1.2	40	60
	4	1.21	90	10
	5	2	90	10

Flow Rate: 0.6 mL/min

Col. Temp.: ambient

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

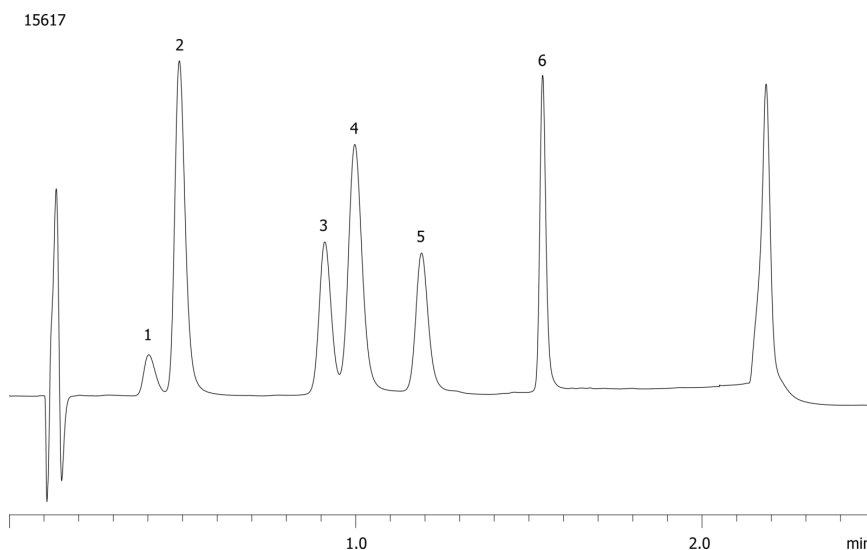
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Epigallocatechin
Retention Time: 0.402 min
- 2 Caffeine
Retention Time: 0.558 min
- 3 Epicatechin
Retention Time: 0.848 min
- 4 Epigallocatechin gallate
Retention Time: 1.077 min
- 5 Gallocatechin gallate
Retention Time: 1.194 min
- 6 Epicatechin gallate
Retention Time: 1.564 min

