

HPLC Application

ID No.: 15614

Catechins by Luna 3µ C18(2) MercuryMS Cartridge 20 x 4.0mm

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 Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	1	55	45
	3	1.01	85	15
	4	1.2	85	15

Flow Rate: 2.5 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, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

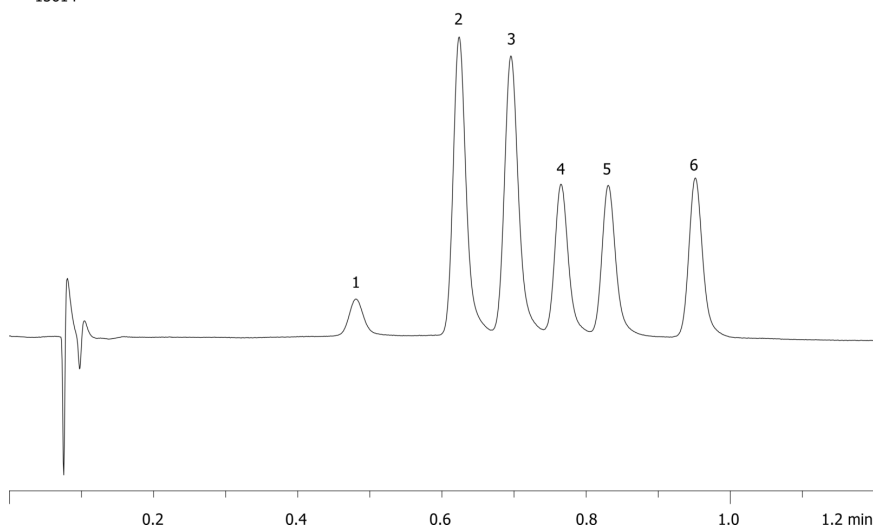
- Holder Part No.: KJ0-4282



Products used in this application:



15614



ANALYTES:

- 1** Epigallocatechin
Retention Time: 0.481 min
- 2** Caffeine
Retention Time: 0.624 min
- 3** Epicatechin
Retention Time: 0.696 min
- 4** Epigallocatechin gallate
Retention Time: 0.765 min
- 5** Gallocatechin gallate
Retention Time: 0.831 min
- 6** Epicatechin gallate
Retention Time: 0.951 min

