

# HPLC Application

ID No.: 15616

## Catechins by Luna 3µ C18(2) MercuryMS cartridge 20 x 2.0mm

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

**Dimensions:** 20 x 2 mm ID

**Order No:** 00M-4251-B0-CE

**Elution Type:** Gradient

**Eluent A:**

| Gradient Profile: | Step No. | Time (min) | Pct A |
|-------------------|----------|------------|-------|
|                   | 1        | 0          | 95    |
|                   | 2        | 0.8        | 80    |
|                   | 3        | 1.2        | 35    |
|                   | 4        | 1.21       | 95    |
|                   | 5        | 2          | 95    |

**Flow Rate:** 0.6 mL/min

**Col. Temp.:** ambient

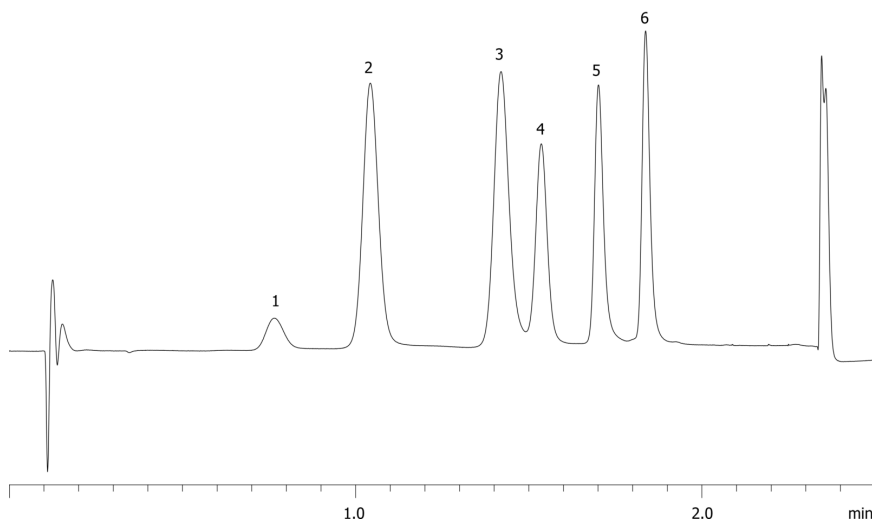
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (25 °C)

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

- SecurityGuard Cartridges, C18 4 x 2.0mm, 10/Pk Part No.: AJ0-4286

- Holder Part No.: KJ0-4282

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### ANALYTES:

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



Products used in this application:

