

## Polyphenolics

**Column:** Prodigy™ 5 µm ODS-3 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4097-E0

**Elution Type:** Gradient

**Eluent A:** Acetic acid/water (20:980 v/v)

**Eluent B:** Acetonitrile/mobile phase A

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 100   | 0     |
|                   | 10       | 83         | 20    | 80    |
|                   | 11       | 85         | 100   | 0     |
|                   | 2        | 3          | 100   | 0     |
|                   | 3        | 15         | 96    | 4     |
|                   | 4        | 30         | 90    | 10    |
|                   | 5        | 50         | 85    | 15    |
|                   | 6        | 60         | 77    | 23    |
|                   | 7        | 66         | 75    | 25    |
|                   | 8        | 80         | 70    | 30    |
|                   | 9        | 80         | 50    | 50    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** 30 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

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

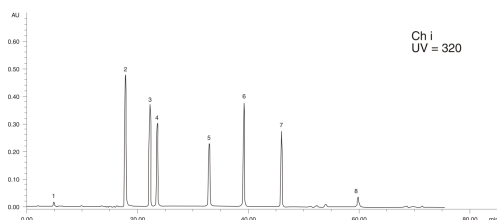
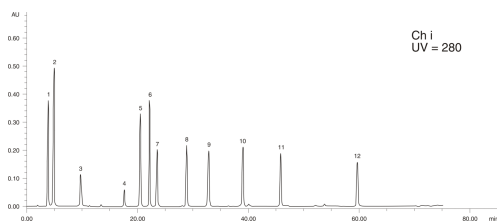
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

**Prodigy™**



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### ANALYTES:

- 1** Arbutin
- 2** Gallic acid
- 3** HMF
- 4** Catechin
- 5** Gentistic acid
- 6** Chlorogenic acid
- 7** Epicatechin
- 8** p-Coumaric acid
- 9** Ferulic acid
- 10** Rutin
- 11** Phloridzin

