

## Food Additives

**Column:** Prodigy™ 5 µm Phenyl-3 (PH-3) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4298-E0

**Elution Type:** Isocratic

**Eluent A:** Acetonitrile

**Eluent B:** 20 mM Potassium phosphate pH 3.0

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 25    | 75    |

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 40 °C

**Detection:** Refractive Index @ 0.0000000000 (ambient)

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

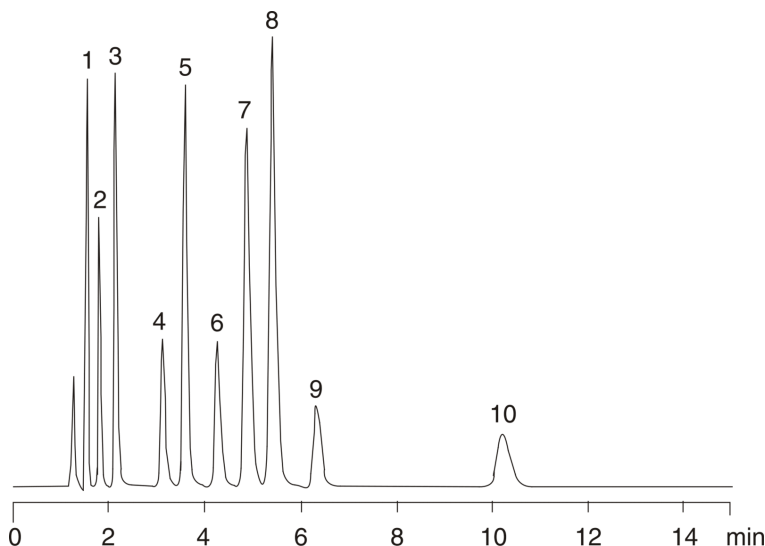
- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



Products used in this application:

**Prodigy™**



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### ANALYTES:

- 1 Saccharin
- 2 Aspartame
- 3 p-Hydroxybenzoic acid
- 4 Caffeine
- 5 Benzoic acid
- 6 p-Hydroxybenzoic acid methyl ester
- 7 p-Toluic acid
- 8 Dehydroacetic acid
- 9 p-Hydroxybenzoic acid ethyl ester
- 10 p-Hydroxybenzoic acid propyl ester

