

HPLC Application

ID No.: 15892

Soft Drink Application using Gemini 5u C6-Phenyl

Column: Gemini[®] 5 μ m C6-Phenyl 110 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4444-E0

Elution Type: Isocratic

Eluent A: 20mM Potassium Phosphate pH 2.5

Eluent B: Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 57 | 43 |

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

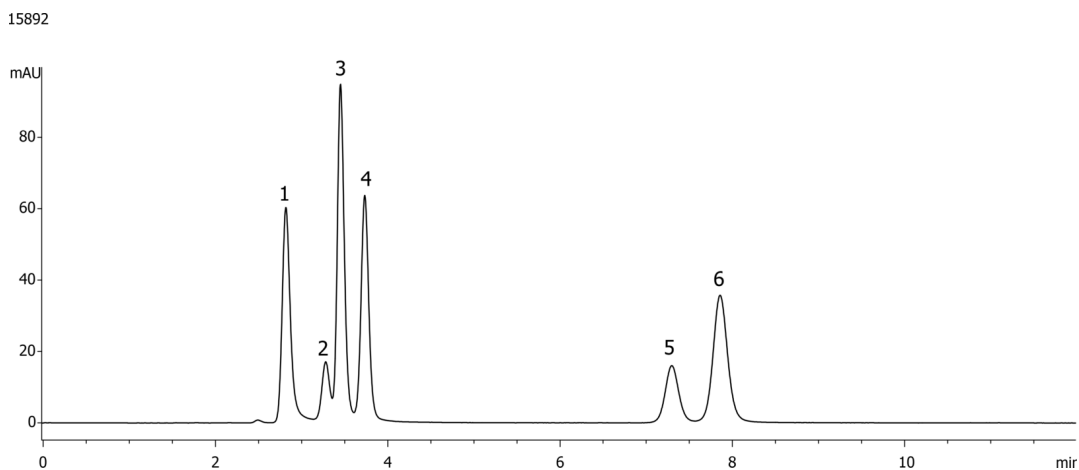
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C6-Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-7915

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Quinine
- 2 Aspartame
- 3 Saccharin
- 4 Caffeine
- 5 Sorbic Acid
- 6 Benzoic acid

