

HPLC Application

ID No.: 16678

Mixtures of Acids, Neutrals and Bases in 20mM Potassium phosphate (pH 7) on Gemini NX-C18 5µm

Column: Gemini[®] 5 µm NX-C18 110 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4454-E0

Elution Type: Gradient

Eluent A: 20mM Potassium phosphate pH 7

Eluent B: ACN

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 95 | 5 |
| | 2 | 8 | 20 | 80 |
| | 3 | 0 | 20 | 80 |

Flow Rate: 1.5 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

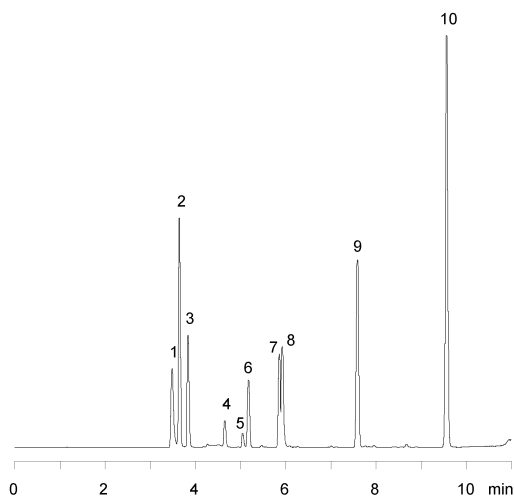
- SecurityGuard Cartridges, Gemini-NX C18 4 x 3.0mm, 10/Pk Part No.: AJ0-8368

- Holder Part No.: KJ0-4282

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Products used in this application:



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ANALYTES:

- 1 Pyridine
- 2 Quinidine
- 3 Triprolidine (Actidil)
- 4 Sulfathiazole
- 5 Benzyl alcohol (Benzenemethanol)
- 6 Nortriptyline
- 7 Phenol
- 8 3-Methyl-4-nitrobenzoic acid
- 9 Methyl salicylaldehyde
- 10 Hexanophenone

