

# HPLC Application

ID No.: 16678

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

**Column:** Gemini<sup>®</sup> 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<sup>™</sup> Guard Cartridge System extends column lifetime.

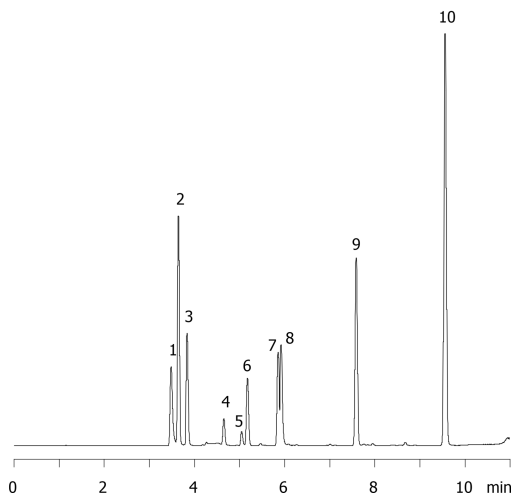
- SecurityGuard Cartridges, Gemini-NX C18 4 x 3.0mm, 10/Pk Part No.: AJ0-8368

- Holder Part No.: KJ0-4282

16678



Products used in this application:



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

### ANALYTES:

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

