

## Mixtures of Acids, Neutrals and Bases in Potassium Phosphate pH 2.5 on Gemini-NX 5um C18

**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 pH2.5

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	8	20	80
	3	10	20	80
	4	10.1	95	5
	5	13	95	5

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

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

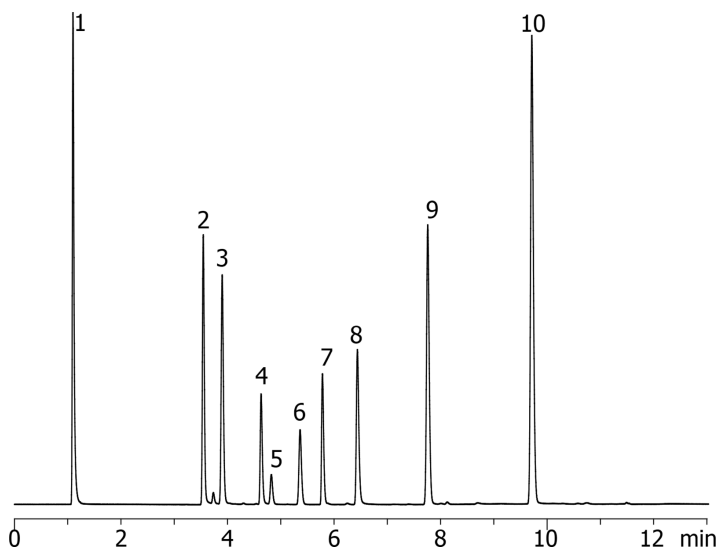
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



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### ANALYTES:

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

