## 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	Step No.	Time (min)	Pct A	Pct B
Profile:	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 AbsVariable 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			

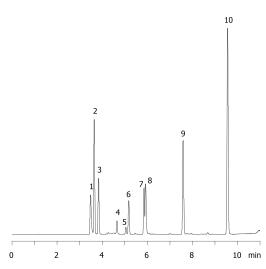


phenomenex

Products used in this application:



16678



- Holder Part No.: KJ0-4282

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### **ANALYTES:**

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

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