

# HPLC Application

ID No.: 20048

## Pharma ABN Test 15 Mix on Optimized Agilent 1100 system using Kinetex 2.6u C18 100x4.6mm

**Column:** Kinetex<sup>®</sup> 2.6 μm C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4462-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic Acid in Water

**Eluent B:** 0.1% Formic Acid in Acetonitrile

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	95	5
	<b>2</b>	0.2	95	5
	<b>3</b>	5	5	95
	<b>4</b>	6	5	95
	<b>5</b>	6.1	95	5

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

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

**Analyst Note:** SecurityGuard<sup>™</sup> ULTRA Guard Cartridge System extends column lifetime.

- SecurityGuard ULTRA Cartridges, UHPLC C18 for 4.6mm ID Columns, 3/Pk Part No.: AJ0-8768

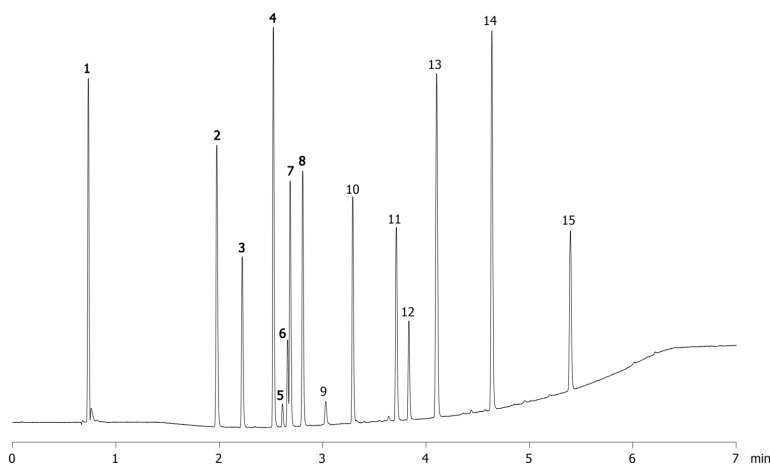
- Holder Part No.: AJ0-9000



Products used in this application:



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### ANALYTES:

- 1 Pyridine
- 2 Acetaminophen
- 3 Sulfathiazole
- 4 Pindolol
- 5 Benzyl alcohol
- 6 Phenol
- 7 Acebutolol
- 8 Chlorpheniramine
- 9 Triprolidine
- 10 Prednisolone
- 11 3-Methyl-4-nitrobenzoic acid
- 12 Nortriptyline
- 13 2-Hydroxy-5-methylbenzaldehyde
- 14 Diflunisal
- 15 Hexanophenone

