

## Preservatives Analysis using Kinetex 2.6µm C8 100x4.6mm

**Column:** Kinetex® 2.6 µm C8 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4497-E0

**Elution Type:** Gradient

**Eluent A:** Water with 0.1% TFA

**Eluent B:** Acetonitrile with 0.1% TFA

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	20	15	85

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 30 °C

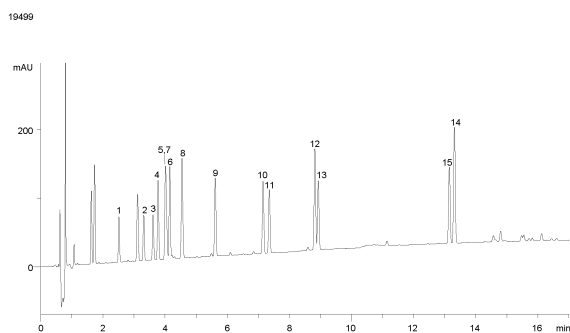
**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 214 nm (ambient)

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

- SecurityGuard ULTRA Cartridges, UHPLC C8 for 4.6mm ID Columns, 3/Pk Part No.: AJ0-8770
- Holder Part No.: AJ0-9000



Products used in this application:



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### ANALYTES:

- 1 Benzyl alcohol (Benzenemethanol)
- 2 Phenoxyethanol
- 3 Sorbic acid
- 4 Benzoic acid
- 5 Methyl paraben
- 6 p-Anisic acid
- 7 Dehydroacetic acid
- 8 Salicylic acid
- 9 Ethyl paraben
- 10 Isopropyl paraben
- 11 Propyl paraben
- 12 Isobutyl paraben
- 13 Butyl paraben
- 14 Triclosan
- 15 Triclocarban

