

# HPLC Application

ID No.: 19499

## 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

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

**Flow Rate:** 1.5 mL/min

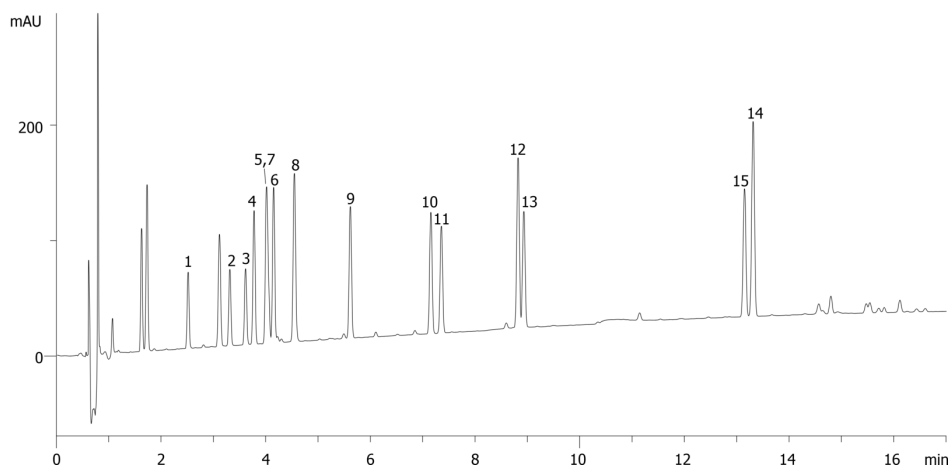
**Col. Temp.:** ambient

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

19499



Products used in this application:



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### ANALYTES:

- 1 Benzyl alcohol
- 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

