

# HPLC Application

ID No.: 18842

## Water-soluble vitamins on Kinetex 2.6µm HILIC 150 x 4.6mm

**Column:** Kinetex<sup>®</sup> 2.6 µm HILIC 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4461-E0

**Elution Type:** Gradient

**Eluent A:** Acetonitrile

**Eluent B:** 100mM Ammonium formate pH 3.2

**Eluent C:** Water

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B | Pct C |
|-------------------|----------|------------|-------|-------|-------|
|                   | 1        | 0          | 90    | 10    | 0     |
|                   | 2        | 5          | 90    | 10    | 0     |
|                   | 3        | 20         | 50    | 10    | 40    |

**Flow Rate:** 1 mL/min

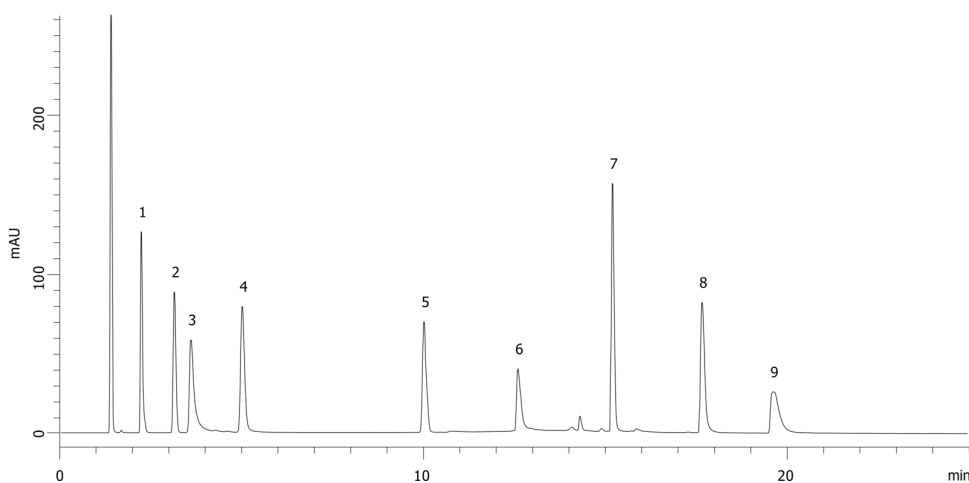
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

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Products used in this application:



### ANALYTES:

- 1 Nicotinamide
- 2 PABA
- 3 Pyridoxine
- 4 Riboflavin
- 5 Nicotinic acid
- 6 Ascorbic acid
- 7 Folic acid
- 8 Vitamin B12
- 9 Thiamine

