

HPLC Application

ID No.: 16430

Water-Soluble Vitamin Mixture on Luna 5 μ m HILIC, pH 5.8

Column: Luna[®] 5 μ m HILIC 200 \AA , LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4450-E0

Elution Type: Gradient

Eluent A: Acetonitrile

Eluent B: Water

Eluent C: 100mM Ammonium Acetate pH 5.8

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	90	5	5
	2	2.5	90	5	5
	3	10	50	45	5
	4	12.5	50	45	5

Flow Rate: 2 mL/min

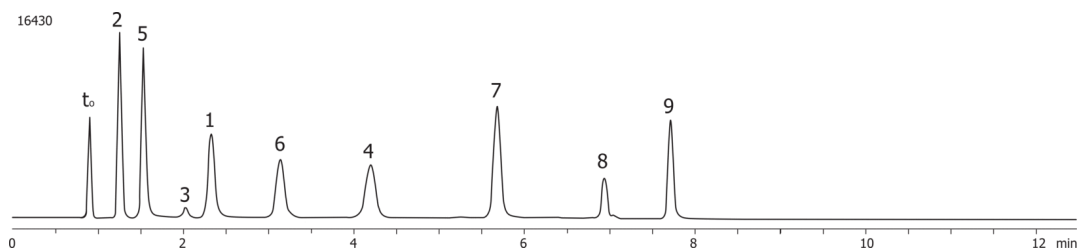
Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 260 nm (ambient)

Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, HILIC 4 x 3.0 mm, 10/Pk Part No.: AJ0-8329

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

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

