

Water-Soluble Vitamins

Column: Luna® 3 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4251-E0
Elution Type: Gradient
Eluent A: Methanol
Eluent B: 0.005 M Hexanesulfonic Acid (0.1% TFA and 0.01% TEA) with 5 % Methanol premixed

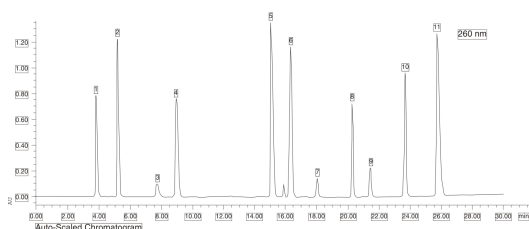
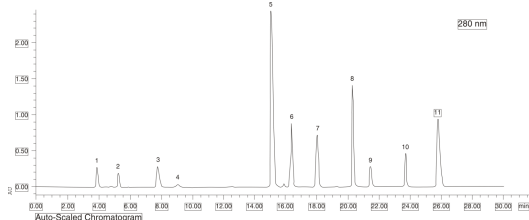
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	0	100
	2	5	0	100
	3	16	23	77
	4	26	26	74
	5	28	50	50
	6	30	0	100
	7	45	0	100

Flow Rate: 0.55 mL/min
Col. Temp.: 30 °C
Detection: UV-Vis Abs.-Diode Array (PDA) @ 260/280 nm (ambient)
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287
- Holder Part No.: KJ0-4282



Products used in this application:



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ANALYTES:

- 1 Ascorbic acid
- 2 Niacin
- 3 Pyridoxal 5'-phosphate
- 4 Niacinamide
- 5 Paraminobenzoic acid
- 6 Riboflavin 5'-phosphate
- 7 Pyridoxine
- 8 Folic acid
- 9 Cyanocobalamin
- 10 Thiamine
- 11 Riboflavin

