

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)

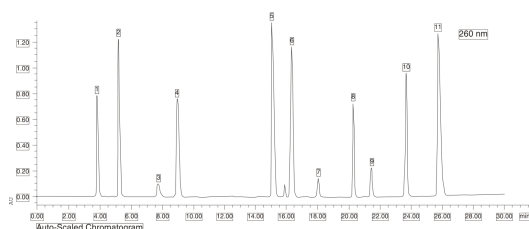
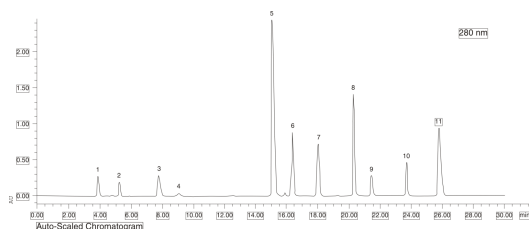
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



Water-Soluble Vitamins

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

