

HPLC Application

ID No.: 14500

Water-Soluble Vitamins

Column: Luna® 5 µm C8(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4249-E0

Elution Type: Gradient

Eluent A: 0.1% H3PO4 in water

Eluent B: Acetonitrile/0.1% H3PO4 in water (80:20)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	98	2
	2	5	98	2
	3	22	72	28
	4	25	72	28

Flow Rate: 0.8 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

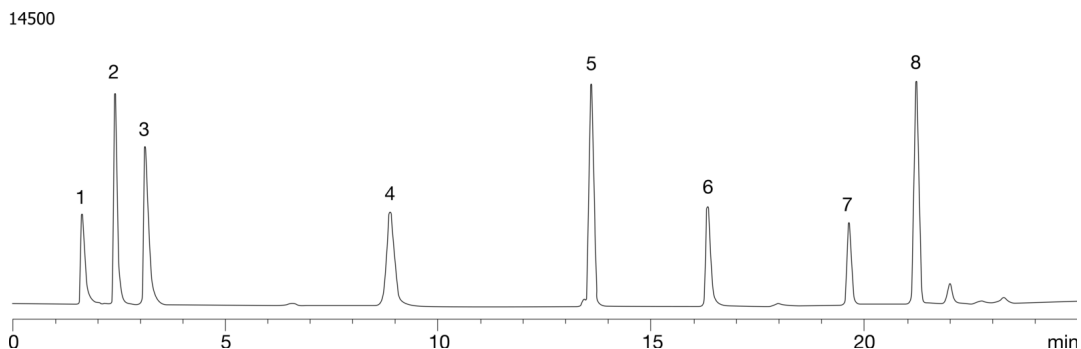
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C8 4 x 3.0mm, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Thiamine
- 2 Niacinamide
- 3 Pyridoxine
- 4 p-Aminobenzoic acid
- 5 d-Pantothenic acid
- 6 Folic acid
- 7 Riboflavin
- 8 d-Biotin

