

HPLC Application

ID No.: 15682

Water Soluble Vitamins - Luna 5µm C18(2)

Column: Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4252-E0

Elution Type: Gradient

Eluent A: 20mM Potassium phosphate, pH 3

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	15	75	25

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (ambient)

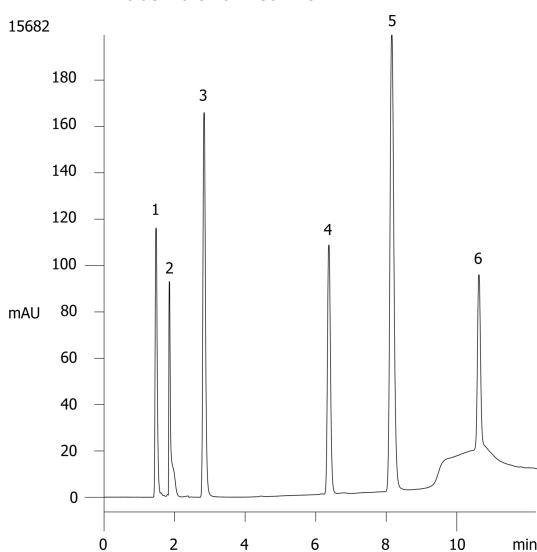
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1** Thiamine
Retention Time: 1.473 min
- 2** Ascorbic acid
Retention Time: 1.852 min
- 3** Niacinamide
Retention Time: 2.835 min
- 4** Pantothenic acid
Retention Time: 6.371 min
- 5** p-Aminobenzoic acid
Retention Time: 8.155 min
- 6** Vitamin B12
Retention Time: 10.63 min

