

HPLC Application

ID No.: 2581

Water-Soluble Vitamins

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: Water/methanol, 2g/l hexane sulfonate, 0.2% H3PO4 (95:5)

Eluent B: Water/methanol, 2g/l hexane sulfonate, 0.2% H3PO4 (50:50)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	17	27	73

Flow Rate: 1 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 210-280 nm (ambient)

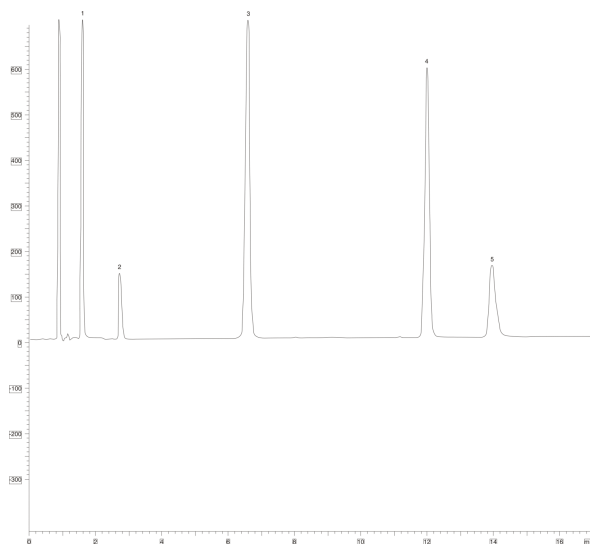
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Calcium pantothenate
- 2 Niacinamide
- 3 Vitamin B6
- 4 Riboflavin 5'-phosphate
- 5 Thiamine

